

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076399.D
 Acq On : 13 Jun 2023 12:19
 Operator : KP/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Quant Time: Jun 14 05:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	229445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	400089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	127476	48.101	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.200%		
35) Dibromofluoromethane	7.804	113	128182	49.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.140%		
50) Toluene-d8	10.269	98	476923	48.670	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.575	95	161520	48.047	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	42160	20.573	ug/l	96
3) Chloromethane	2.146	50	78235	20.162	ug/l	94
4) Vinyl Chloride	2.275	62	80694	21.732	ug/l	99
5) Bromomethane	2.675	94	44061	22.646	ug/l	96
6) Chloroethane	2.828	64	49897	22.315	ug/l	100
7) Trichlorofluoromethane	3.164	101	76334	20.430	ug/l	98
8) Diethyl Ether	3.587	74	25319	18.862	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.958	101	48684	21.670	ug/l	99
10) Methyl Iodide	4.158	142	53863	18.645	ug/l	91
11) Tert butyl alcohol	5.063	59	19712	88.976	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	45627	19.915	ug/l	84
13) Acrolein	3.793	56	26477	104.190	ug/l	91
14) Allyl chloride	4.546	41	88900	19.840	ug/l #	84
15) Acrylonitrile	5.252	53	63958	93.644	ug/l	96
16) Acetone	4.022	43	57839	99.278	ug/l #	83
17) Carbon Disulfide	4.263	76	121551	18.465	ug/l	98
18) Methyl Acetate	4.569	43	53164	20.015	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	126403	19.883	ug/l	99
20) Methylene Chloride	4.799	84	67195	17.940	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	52181	19.598	ug/l	88
22) Diisopropyl ether	6.216	45	181554	19.904	ug/l #	91
23) Vinyl Acetate	6.152	43	453731	115.819	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	102023	20.122	ug/l	97
25) 2-Butanone	7.087	43	88068	96.651	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	91381	20.017	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	64084	20.219	ug/l	86
28) Bromochloromethane	7.428	49	32342	20.599	ug/l #	69
29) Tetrahydrofuran	7.452	42	57942	99.671	ug/l #	74
30) Chloroform	7.593	83	100347	19.858	ug/l	94
31) Cyclohexane	7.869	56	84117	19.837	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	85523	19.817	ug/l	95
36) 1,1-Dichloropropene	8.004	75	72306	19.158	ug/l	95
37) Ethyl Acetate	7.163	43	41120	20.713	ug/l #	91
38) Carbon Tetrachloride	7.987	117	66250	18.906	ug/l	97
39) Methylcyclohexane	9.275	83	87257	20.078	ug/l	93
40) Benzene	8.252	78	213497	19.458	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076399.D
 Acq On : 13 Jun 2023 12:19
 Operator : KP/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Quant Time: Jun 14 05:44:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23810	18.748	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	61547	18.837	ug/l	95
43) Isopropyl Acetate	8.363	43	80927	19.443	ug/l #	84
44) Trichloroethene	9.028	130	60165	20.227	ug/l	98
45) 1,2-Dichloropropane	9.304	63	58206	19.959	ug/l	98
46) Dibromomethane	9.399	93	29958	18.614	ug/l	98
47) Bromodichloromethane	9.587	83	75685	18.984	ug/l	100
48) Methyl methacrylate	9.375	41	38833	19.466	ug/l #	66
49) 1,4-Dioxane	9.381	88	7555	395.652	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	204903	99.117	ug/l #	82
52) Toluene	10.334	92	134406	19.377	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	78189	19.175	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	90920	19.389	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	41558	19.332	ug/l #	91
56) Ethyl methacrylate	10.598	69	58055	19.447	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	74660	19.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	124584	102.452	ug/l	93
59) 2-Hexanone	10.922	43	139323	96.146	ug/l	81
60) Dibromochloromethane	11.075	129	50882	19.130	ug/l	94
61) 1,2-Dibromoethane	11.181	107	40652	19.492	ug/l	97
64) Tetrachloroethene	10.810	164	47282	19.360	ug/l	91
65) Chlorobenzene	11.610	112	146316	19.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53061	19.245	ug/l	96
67) Ethyl Benzene	11.687	91	267774	19.716	ug/l	97
68) m/p-Xylenes	11.793	106	201354	39.184	ug/l	89
69) o-Xylene	12.122	106	97672	19.786	ug/l	92
70) Styrene	12.134	104	164886	19.578	ug/l	94
71) Bromoform	12.298	173	31345	19.491	ug/l #	98
73) Isopropylbenzene	12.422	105	253472	20.128	ug/l	96
74) N-amyl acetate	12.234	43	77239	20.112	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48484	19.496	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	28196m	18.112	ug/l	
77) Bromobenzene	12.704	156	60277	20.287	ug/l	86
78) n-propylbenzene	12.763	91	308766	20.115	ug/l	96
79) 2-Chlorotoluene	12.851	91	171187	19.708	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	205360	19.537	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	16915	19.454	ug/l	94
82) 4-Chlorotoluene	12.951	91	181837	19.990	ug/l	93
83) tert-Butylbenzene	13.169	119	178695	19.810	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	203173	19.564	ug/l	99
85) sec-Butylbenzene	13.345	105	269381	20.290	ug/l	97
86) p-Isopropyltoluene	13.463	119	228528	20.442	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	117169	20.376	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	116730	20.541	ug/l	97
89) n-Butylbenzene	13.787	91	217918	20.289	ug/l	99
90) Hexachloroethane	14.057	117	41016	19.882	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	102744	20.316	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7745	18.959	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	68336	20.190	ug/l	97
94) Hexachlorobutadiene	15.204	225	33896	19.906	ug/l	96
95) Naphthalene	15.334	128	133753	19.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	58641	20.060	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
Data File : VD076399.D
Acq On : 13 Jun 2023 12:19
Operator : KP/SY
Sample : VD0613SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 05:44:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

