

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076285.D
 Acq On : 31 May 2023 14:39
 Operator : KP/SY
 Sample : VY0531SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VY0531SBS01

Quant Time: May 31 16:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

06/01/2023

Supervised By :Mahesh

Dadoda

06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	160797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79922	51.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.805	113	93217	47.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.520%			
50) Toluene-d8	10.269	98	347482	45.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.380%			
62) 4-Bromofluorobenzene	12.575	95	101990	47.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	27737	19.126	ug/l	97
3) Chloromethane	2.146	50	59655	22.616	ug/l	98
4) Vinyl Chloride	2.275	62	73052	23.357	ug/l	99
5) Bromomethane	2.675	94	48939	23.242	ug/l	98
6) Chloroethane	2.822	64	52388	24.897	ug/l	99
7) Trichlorofluoromethane	3.164	101	52387	19.762	ug/l	98
8) Diethyl Ether	3.587	74	18914	21.696	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	34109	19.534	ug/l	96
10) Methyl Iodide	4.152	142	42277	23.285	ug/l #	88
11) Tert butyl alcohol	5.046	59	10033	122.046	ug/l #	100
12) 1,1-Dichloroethene	3.928	96	34176	19.665	ug/l	88
13) Acrolein	3.787	56	15422	76.652	ug/l	94
14) Allyl chloride	4.552	41	36069	20.450	ug/l #	82
15) Acrylonitrile	5.246	53	41972	116.278	ug/l	97
16) Acetone	4.022	43	34764	112.432	ug/l #	81
17) Carbon Disulfide	4.264	76	94411	18.301	ug/l	99
18) Methyl Acetate	4.558	43	25986	23.560	ug/l #	84
19) Methyl tert-butyl Ether	5.311	73	73177	21.513	ug/l	98
20) Methylene Chloride	4.793	84	57909	17.498	ug/l #	80
21) trans-1,2-Dichloroethene	5.299	96	40935	20.438	ug/l #	77
22) Diisopropyl ether	6.211	45	92174	22.515	ug/l #	93
23) Vinyl Acetate	6.152	43	211049	131.110	ug/l #	87
24) 1,1-Dichloroethane	6.111	63	72125	22.339	ug/l	97
25) 2-Butanone	7.081	43	45815	117.844	ug/l #	79
26) 2,2-Dichloropropane	7.069	77	58716	22.303	ug/l	93
27) cis-1,2-Dichloroethene	7.069	96	49313	22.187	ug/l	85
28) Bromochloromethane	7.422	49	24715	22.957	ug/l #	67
29) Tetrahydrofuran	7.440	42	25112	110.819	ug/l #	64
30) Chloroform	7.593	83	77650	22.489	ug/l	99
31) Cyclohexane	7.869	56	43467	18.263	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	58192	21.149	ug/l	97
36) 1,1-Dichloropropene	8.005	75	49816	18.699	ug/l	93
37) Ethyl Acetate	7.163	43	20864	22.617	ug/l #	83
38) Carbon Tetrachloride	7.987	117	45286	18.820	ug/l	95
39) Methylcyclohexane	9.269	83	47772	15.576	ug/l	94
40) Benzene	8.246	78	170328	19.887	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	10402	20.564	ug/l	#	63
42) 1,2-Dichloroethane	8.322	62	43901	21.670	ug/l		95
43) Isopropyl Acetate	8.358	43	35585	20.650	ug/l	#	83
44) Trichloroethene	9.028	130	46340	19.198	ug/l		89
45) 1,2-Dichloropropane	9.299	63	43751	20.709	ug/l		91
46) Dibromomethane	9.393	93	24984	21.098	ug/l		97
47) Bromodichloromethane	9.581	83	57705	20.276	ug/l		98
48) Methyl methacrylate	9.381	41	13448	17.632	ug/l	#	60
49) 1,4-Dioxane	9.381	88	5085	401.559	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.157	43	96887	105.713	ug/l	#	86
52) Toluene	10.334	92	106188	19.851	ug/l		94
53) t-1,3-Dichloropropene	10.552	75	52017	20.279	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	63448	20.269	ug/l	#	76
55) 1,1,2-Trichloroethane	10.734	97	35579	20.952	ug/l		95
56) Ethyl methacrylate	10.599	69	34164	20.015	ug/l	#	67
57) 1,3-Dichloropropane	10.881	76	55838	20.959	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	80407	98.181	ug/l		92
59) 2-Hexanone	10.922	43	66390	102.715	ug/l		80
60) Dibromochloromethane	11.069	129	39696	20.790	ug/l		98
61) 1,2-Dibromoethane	11.181	107	31464	20.829	ug/l		95
64) Tetrachloroethene	10.804	164	37584	17.985	ug/l	#	90
65) Chlorobenzene	11.604	112	120234	19.434	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	42491	19.957	ug/l		97
67) Ethyl Benzene	11.681	91	178676	18.074	ug/l		97
68) m/p-Xylenes	11.793	106	151566	37.512	ug/l		91
69) o-Xylene	12.122	106	65477	17.760	ug/l		98
70) Styrene	12.134	104	123571	19.332	ug/l		94
71) Bromoform	12.298	173	23823	19.892	ug/l	#	96
73) Isopropylbenzene	12.422	105	169329	17.320	ug/l		98
74) N-amyl acetate	12.234	43	31425	18.046	ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	12.669	83	40814	19.425	ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	26239m	20.289	ug/l		
77) Bromobenzene	12.704	156	48390	18.467	ug/l		91
78) n-propylbenzene	12.763	91	215708	17.727	ug/l		96
79) 2-Chlorotoluene	12.845	91	121171	17.992	ug/l		92
80) 1,3,5-Trimethylbenzene	12.904	105	145543	17.959	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.463	75	12104	19.634	ug/l	#	68
82) 4-Chlorotoluene	12.945	91	133453	18.629	ug/l		95
83) tert-Butylbenzene	13.169	119	118212	17.259	ug/l		93
84) 1,2,4-Trimethylbenzene	13.210	105	147951	18.331	ug/l		92
85) sec-Butylbenzene	13.345	105	186676	17.488	ug/l		98
86) p-Isopropyltoluene	13.463	119	153860	17.616	ug/l		94
87) 1,3-Dichlorobenzene	13.457	146	101971	19.247	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	100941	19.242	ug/l		97
89) n-Butylbenzene	13.787	91	139371	16.933	ug/l		98
90) Hexachloroethane	14.051	117	32971	18.352	ug/l		97
91) 1,2-Dichlorobenzene	13.834	146	88074	18.943	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5096	18.679	ug/l		81
93) 1,2,4-Trichlorobenzene	15.098	180	46673	17.258	ug/l		95
94) Hexachlorobutadiene	15.204	225	21573	15.645	ug/l		98
95) Naphthalene	15.334	128	88820	17.676	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	40753	16.569	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

