

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076252.D
 Acq On : 26 May 2023 11:46
 Operator : KP/SY
 Sample : VD0526SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBS01

Quant Time: May 26 16:04:47 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 05/29/2023
 Supervised By :Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85787	49.289	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.580%		
35) Dibromofluoromethane	7.804	113	101292	47.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.269	98	385050	46.339	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.680%		
62) 4-Bromofluorobenzene	12.575	95	110596	47.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32047	19.731	ug/l	95
3) Chloromethane	2.146	50	58078	19.023	ug/l	97
4) Vinyl Chloride	2.281	62	75756	21.627	ug/l	100
5) Bromomethane	2.675	94	53569	22.716	ug/l	97
6) Chloroethane	2.828	64	56454	23.956	ug/l	90
7) Trichlorofluoromethane	3.169	101	62089	20.913	ug/l	99
8) Diethyl Ether	3.593	74	18399	18.845	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.963	101	41209	21.072	ug/l	94
10) Methyl Iodide	4.163	142	49071	24.133	ug/l	90
11) Tert butyl alcohol	5.052	59	8688	94.365	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	39161	20.120	ug/l	89
13) Acrolein	3.793	56	16685	74.047	ug/l	94
14) Allyl chloride	4.558	41	38507	19.494	ug/l #	81
15) Acrylonitrile	5.252	53	41536	102.746	ug/l	96
16) Acetone	4.016	43	36621	105.753	ug/l #	80
17) Carbon Disulfide	4.269	76	109886	19.135	ug/l	97
18) Methyl Acetate	4.569	43	25875	20.947	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	72721	19.089	ug/l	97
20) Methylene Chloride	4.799	84	82814	25.393	ug/l #	79
21) trans-1,2-Dichloroethene	5.310	96	44243	19.723	ug/l	86
22) Diisopropyl ether	6.210	45	93912	20.482	ug/l #	90
23) Vinyl Acetate	6.157	43	204877	113.644	ug/l #	87
24) 1,1-Dichloroethane	6.105	63	75398	20.851	ug/l #	97
25) 2-Butanone	7.081	43	45156	103.708	ug/l #	72
26) 2,2-Dichloropropane	7.075	77	62331	21.140	ug/l	90
27) cis-1,2-Dichloroethene	7.075	96	50329	20.218	ug/l	84
28) Bromochloromethane	7.422	49	25176	20.881	ug/l #	68
29) Tetrahydrofuran	7.440	42	24582	96.862	ug/l #	73
30) Chloroform	7.593	83	81730	21.136	ug/l	92
31) Cyclohexane	7.875	56	52208	19.586	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	66250	21.498	ug/l	97
36) 1,1-Dichloropropene	8.010	75	55996	19.451	ug/l	95
37) Ethyl Acetate	7.169	43	20309	20.373	ug/l #	88
38) Carbon Tetrachloride	7.993	117	51328	19.739	ug/l	98
39) Methylcyclohexane	9.275	83	58607	17.682	ug/l	93
40) Benzene	8.251	78	181966	19.660	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9447	17.283	ug/l #	71
42) 1,2-Dichloroethane	8.322	62	43226	19.745	ug/l	93
43) Isopropyl Acetate	8.357	43	34776	18.675	ug/l #	80
44) Trichloroethene	9.028	130	48578	18.624	ug/l	92
45) 1,2-Dichloropropane	9.304	63	45339	19.860	ug/l	90
46) Dibromomethane	9.393	93	24842	19.413	ug/l	95
47) Bromodichloromethane	9.587	83	61279	19.925	ug/l	91
48) Methyl methacrylate	9.381	41	14201	17.230	ug/l #	59
49) 1,4-Dioxane	9.393	88	4846	354.132	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	91877	92.767	ug/l #	83
52) Toluene	10.334	92	116101	20.084	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	52101	18.796	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	64422	19.044	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	35255	19.212	ug/l	95
56) Ethyl methacrylate	10.598	69	33263	18.034	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	55911	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	81157	91.703	ug/l	93
59) 2-Hexanone	10.922	43	68354	97.863	ug/l	80
60) Dibromochloromethane	11.075	129	39883	19.329	ug/l	94
61) 1,2-Dibromoethane	11.175	107	31730	19.438	ug/l	95
64) Tetrachloroethene	10.810	164	40817	18.458	ug/l	95
65) Chlorobenzene	11.610	112	126887	19.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	43053	19.109	ug/l	95
67) Ethyl Benzene	11.687	91	196534	18.787	ug/l	95
68) m/p-Xylenes	11.792	106	167001	39.059	ug/l	91
69) o-Xylene	12.122	106	74579	19.116	ug/l	91
70) Styrene	12.134	104	132567	19.599	ug/l	94
71) Bromoform	12.298	173	24401	19.254	ug/l #	99
73) Isopropylbenzene	12.422	105	189206	18.574	ug/l	97
74) N-amyl acetate	12.234	43	32029	17.653	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	40901	18.682	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	32850m	24.378	ug/l	
77) Bromobenzene	12.698	156	48646	17.817	ug/l	94
78) n-propylbenzene	12.763	91	243902	19.236	ug/l	97
79) 2-Chlorotoluene	12.851	91	133774	19.063	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	160370	18.991	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12145	18.908	ug/l #	72
82) 4-Chlorotoluene	12.945	91	142827	19.135	ug/l	92
83) tert-Butylbenzene	13.169	119	132404	18.553	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	161152	19.163	ug/l	95
85) sec-Butylbenzene	13.345	105	212431	19.100	ug/l	97
86) p-Isopropyltoluene	13.463	119	175909	19.330	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	104250	18.885	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	104917	19.195	ug/l	97
89) n-Butylbenzene	13.787	91	158568	18.489	ug/l	97
90) Hexachloroethane	14.051	117	36374	19.431	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	90196	18.619	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5133	18.057	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	47652	16.911	ug/l	95
94) Hexachlorobutadiene	15.204	225	22761	15.842	ug/l	99
95) Naphthalene	15.333	128	85452	16.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	41449	16.174	ug/l	97

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

