

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076889.D
 Acq On : 01 Aug 2023 12:03
 Operator : KP/SY
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/02/2023
 Supervised By :Semsettin Yesilyurt 08/02/2023

Quant Time: Aug 02 01:27:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80733	55.109	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.220%			
35) Dibromofluoromethane	7.804	113	95640	54.698	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.269	98	311522	49.803	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.600%			
62) 4-Bromofluorobenzene	12.575	95	104885	51.833	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22922	19.930	ug/l	95
3) Chloromethane	2.146	50	36953	18.625	ug/l	97
4) Vinyl Chloride	2.281	62	50136	18.956	ug/l	97
5) Bromomethane	2.675	94	44533	20.465	ug/l	98
6) Chloroethane	2.828	64	40482	20.273	ug/l	92
7) Trichlorofluoromethane	3.169	101	47777	20.302	ug/l	96
8) Diethyl Ether	3.599	74	17360	21.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	33114	21.406	ug/l	95
10) Methyl Iodide	4.158	142	34497	19.782	ug/l	92
11) Tert butyl alcohol	5.058	59	13634	124.719	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	29296	20.157	ug/l	90
13) Acrolein	3.799	56	7651	102.703	ug/l	90
14) Allyl chloride	4.558	41	40812	21.376	ug/l	90
15) Acrylonitrile	5.258	53	43305	108.818	ug/l	99
16) Acetone	4.028	43	37281	106.558	ug/l #	84
17) Carbon Disulfide	4.269	76	56497	16.643	ug/l	100
18) Methyl Acetate	4.563	43	30460	23.172	ug/l	94
19) Methyl tert-butyl Ether	5.310	73	83583	21.445	ug/l	96
20) Methylene Chloride	4.799	84	75961	32.950	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	34245	20.270	ug/l	93
22) Diisopropyl ether	6.216	45	98846	21.863	ug/l	92
23) Vinyl Acetate	6.152	43	231379	103.434	ug/l	93
24) 1,1-Dichloroethane	6.110	63	69275	22.726	ug/l	99
25) 2-Butanone	7.081	43	56628	120.937	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	58512	22.268	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	45665	21.927	ug/l	95
28) Bromochloromethane	7.422	49	18906	24.808	ug/l	84
29) Tetrahydrofuran	7.440	42	30926	111.785	ug/l	89
30) Chloroform	7.593	83	79793	23.899	ug/l	96
31) Cyclohexane	7.881	56	39793	18.457	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	61322	22.765	ug/l	97
36) 1,1-Dichloropropene	8.004	75	46063	20.160	ug/l	96
37) Ethyl Acetate	7.175	43	22597	22.115	ug/l	97
38) Carbon Tetrachloride	7.993	117	47561	21.740	ug/l	98
39) Methylcyclohexane	9.269	83	46017	17.443	ug/l	89
40) Benzene	8.246	78	150694	20.903	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14091	22.583	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	44257	23.627	ug/l	96
43) Isopropyl Acetate	8.363	43	40806	20.463	ug/l	94
44) Trichloroethene	9.028	130	40064	20.394	ug/l	92
45) 1,2-Dichloropropane	9.298	63	41800	22.462	ug/l	96
46) Dibromomethane	9.393	93	24401	22.401	ug/l	88
47) Bromodichloromethane	9.587	83	60947	22.296	ug/l	93
48) Methyl methacrylate	9.381	41	19726	21.734	ug/l	84
49) 1,4-Dioxane	9.393	88	5261	376.968	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	116276	109.514	ug/l	93
52) Toluene	10.334	92	95971	20.269	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	53906	21.246	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	63311	21.173	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	35282	22.181	ug/l	93
56) Ethyl methacrylate	10.598	69	37719	20.545	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	56864	21.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	75236	105.871	ug/l	97
59) 2-Hexanone	10.922	43	82625	109.062	ug/l	91
60) Dibromochloromethane	11.075	129	40610	21.977	ug/l	92
61) 1,2-Dibromoethane	11.175	107	32423	21.986	ug/l	99
64) Tetrachloroethene	10.810	164	30104	20.335	ug/l	91
65) Chlorobenzene	11.604	112	112427	21.532	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	42191	21.703	ug/l	98
67) Ethyl Benzene	11.681	91	186489	20.337	ug/l	97
68) m/p-Xylenes	11.792	106	144262	40.963	ug/l	92
69) o-Xylene	12.122	106	68462	20.103	ug/l	92
70) Styrene	12.134	104	125602	21.068	ug/l	98
71) Bromoform	12.298	173	23715	22.274	ug/l #	100
73) Isopropylbenzene	12.422	105	183746	20.341	ug/l	95
74) N-amyl acetate	12.234	43	37860	19.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	42271	21.794	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	22047m	18.620	ug/l	
77) Bromobenzene	12.698	156	45311	21.731	ug/l	89
78) n-propylbenzene	12.763	91	226049	20.641	ug/l	95
79) 2-Chlorotoluene	12.851	91	126721	21.104	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	149382	20.451	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12031	21.625	ug/l	97
82) 4-Chlorotoluene	12.945	91	132549	21.130	ug/l	95
83) tert-Butylbenzene	13.169	119	131647	20.469	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	152025	20.367	ug/l	95
85) sec-Butylbenzene	13.345	105	202219	20.580	ug/l	94
86) p-Isopropyltoluene	13.463	119	163252	20.117	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	90772	21.165	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	92055	21.908	ug/l	97
89) n-Butylbenzene	13.786	91	158091	19.909	ug/l	98
90) Hexachloroethane	14.057	117	34769	23.175	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	79953	21.157	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5884	21.277	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	47638	20.648	ug/l	97
94) Hexachlorobutadiene	15.204	225	22137	19.950	ug/l	95
95) Naphthalene	15.333	128	101861	20.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43231	20.880	ug/l	96

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

