

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075250.D
 Acq On : 31 Jan 2023 12:11
 Operator : KP/SY
 Sample : VD0131SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	51664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	88718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	80476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30152	57.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.380%			
35) Dibromofluoromethane	7.810	113	28887	53.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.760%			
50) Toluene-d8	10.269	98	114333	54.165	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.340%			
62) 4-Bromofluorobenzene	12.575	95	36541	54.546	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	10314	23.864	ug/l	97
3) Chloromethane	2.146	50	16339	24.482	ug/l	94
4) Vinyl Chloride	2.287	62	17504	24.443	ug/l	97
5) Bromomethane	2.687	94	11230	23.059	ug/l	99
6) Chloroethane	2.834	64	11308	22.774	ug/l	90
7) Trichlorofluoromethane	3.175	101	21632	23.765	ug/l	96
8) Diethyl Ether	3.587	74	5511	18.790	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	12460	22.174	ug/l	100
10) Methyl Iodide	4.158	142	14522	19.198	ug/l	99
11) Tert butyl alcohol	5.052	59	3342	90.868	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	12883	21.778	ug/l #	80
13) Acrolein	3.799	56	3575	100.814	ug/l #	80
14) Allyl chloride	4.569	41	20264	21.107	ug/l	94
15) Acrylonitrile	5.263	53	13175	106.238	ug/l #	88
16) Acetone	4.028	43	14854	106.829	ug/l	96
17) Carbon Disulfide	4.269	76	39913	20.802	ug/l	99
18) Methyl Acetate	4.569	43	8835	23.377	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	27015	21.861	ug/l	98
20) Methylene Chloride	4.805	84	16307	17.383	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	14504	22.024	ug/l	94
22) Diisopropyl ether	6.216	45	39595	22.159	ug/l	94
23) Vinyl Acetate	6.157	43	76608	97.274	ug/l	98
24) 1,1-Dichloroethane	6.122	63	25839	23.010	ug/l	96
25) 2-Butanone	7.081	43	18219	108.413	ug/l	92
26) 2,2-Dichloropropane	7.075	77	21292	21.270	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	15524	21.625	ug/l	97
28) Bromochloromethane	7.428	49	7508	24.488	ug/l #	94
29) Tetrahydrofuran	7.446	42	10622	110.819	ug/l	97
30) Chloroform	7.599	83	25815	23.053	ug/l	96
31) Cyclohexane	7.881	56	22293	21.084	ug/l #	94
32) 1,1,1-Trichloroethane	7.799	97	22498	23.320	ug/l	99
36) 1,1-Dichloropropene	8.010	75	18677	21.684	ug/l	98
37) Ethyl Acetate	7.163	43	8509	24.521	ug/l #	74
38) Carbon Tetrachloride	7.993	117	17033	23.487	ug/l	95
39) Methylcyclohexane	9.275	83	21956	20.684	ug/l	97
40) Benzene	8.251	78	55258	22.496	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4888	23.409	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	15812	24.506	ug/l	98
43) Isopropyl Acetate	8.363	43	14990	22.198	ug/l #	84
44) Trichloroethene	9.034	130	15154	21.939	ug/l	97
45) 1,2-Dichloropropane	9.304	63	13132	21.703	ug/l #	83
46) Dibromomethane	9.398	93	7309	22.904	ug/l	97
47) Bromodichloromethane	9.587	83	18354	23.183	ug/l #	91
48) Methyl methacrylate	9.387	41	7515	22.758	ug/l	88
49) 1,4-Dioxane	9.393	88	1273	417.866	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	37303	115.032	ug/l	96
52) Toluene	10.334	92	34875	22.467	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	15813	21.112	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	19471	21.278	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	9645	22.839	ug/l	100
56) Ethyl methacrylate	10.598	69	10269	20.220	ug/l	92
57) 1,3-Dichloropropane	10.881	76	16462	22.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	17372	99.964	ug/l	98
59) 2-Hexanone	10.922	43	26420	112.677	ug/l	98
60) Dibromochloromethane	11.075	129	12357	24.276	ug/l	94
61) 1,2-Dibromoethane	11.181	107	9186	22.766	ug/l	99
64) Tetrachloroethene	10.810	164	12574	21.880	ug/l	98
65) Chlorobenzene	11.610	112	35485	21.518	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.681	131	12534	22.597	ug/l	97
67) Ethyl Benzene	11.687	91	64658	21.783	ug/l	97
68) m/p-Xylenes	11.792	106	50151	43.736	ug/l	99
69) o-Xylene	12.128	106	22866	21.259	ug/l	93
70) Styrene	12.139	104	40222	22.495	ug/l	99
71) Bromoform	12.298	173	6485	22.642	ug/l #	98
73) Isopropylbenzene	12.422	105	62123	19.739	ug/l	99
74) N-amyl acetate	12.234	43	13138	19.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10716	21.371	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	6792m	20.128	ug/l	
77) Bromobenzene	12.704	156	14324	19.926	ug/l	96
78) n-propylbenzene	12.769	91	78075	20.188	ug/l	99
79) 2-Chlorotoluene	12.851	91	43412	20.410	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	52518	20.368	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	2509	17.247	ug/l	92
82) 4-Chlorotoluene	12.951	91	44925	20.543	ug/l	98
83) tert-Butylbenzene	13.175	119	44034	19.737	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52186	20.609	ug/l	99
85) sec-Butylbenzene	13.345	105	70106	20.685	ug/l	96
86) p-Isopropyltoluene	13.463	119	56621	20.406	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	28463	20.426	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	29804	21.739	ug/l	97
89) n-Butylbenzene	13.792	91	54997	20.341	ug/l	98
90) Hexachloroethane	14.057	117	10812	22.066	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	24942	20.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1659	21.639	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	14629	18.687	ug/l	94
94) Hexachlorobutadiene	15.210	225	7706	20.086	ug/l	98
95) Naphthalene	15.339	128	27892	17.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	13039	19.520	ug/l	100

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

