

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075498.D
 Acq On : 10 Mar 2023 17:53
 Operator : KP/SY
 Sample : VD0310SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SoIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:58:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	106029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	181877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	163961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52055	54.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.220%			
35) Dibromofluoromethane	7.810	113	66421	53.321	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.640%			
50) Toluene-d8	10.275	98	268721	54.607	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.575	95	74027	52.038	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21833	20.649	ug/l	100
3) Chloromethane	2.152	50	37689	21.367	ug/l	99
4) Vinyl Chloride	2.287	62	54736	21.511	ug/l	98
5) Bromomethane	2.687	94	42082	21.110	ug/l	98
6) Chloroethane	2.840	64	35742	20.971	ug/l	88
7) Trichlorofluoromethane	3.181	101	42014	20.486	ug/l	96
8) Diethyl Ether	3.593	74	11389	20.803	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.970	101	26303	19.711	ug/l	95
10) Methyl Iodide	4.170	142	32355	20.324	ug/l	91
11) Tert butyl alcohol	5.046	59	4334	97.555	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	26971	20.466	ug/l #	83
13) Acrolein	3.799	56	9405	106.391	ug/l	98
14) Allyl chloride	4.569	41	22790	20.099	ug/l #	83
15) Acrylonitrile	5.258	53	19741	98.333	ug/l	98
16) Acetone	4.022	43	15546	84.255	ug/l	90
17) Carbon Disulfide	4.275	76	80354	20.209	ug/l	99
18) Methyl Acetate	4.564	43	11083	21.760	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	46022	20.138	ug/l	99
20) Methylene Chloride	4.811	84	33009	20.749	ug/l #	68
21) trans-1,2-Dichloroethene	5.316	96	30365	20.269	ug/l #	76
22) Diisopropyl ether	6.222	45	51815	21.083	ug/l #	88
23) Vinyl Acetate	6.158	43	119314	100.038	ug/l #	84
24) 1,1-Dichloroethane	6.122	63	43264	20.324	ug/l	97
25) 2-Butanone	7.081	43	21075	93.943	ug/l #	79
26) 2,2-Dichloropropane	7.081	77	38760	19.797	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	32138	20.019	ug/l	82
28) Bromochloromethane	7.428	49	14213	20.710	ug/l #	48
29) Tetrahydrofuran	7.452	42	11952	97.889	ug/l #	53
30) Chloroform	7.599	83	49308	20.856	ug/l	97
31) Cyclohexane	7.881	56	34247	19.985	ug/l #	72
32) 1,1,1-Trichloroethane	7.799	97	41798	20.163	ug/l	96
36) 1,1-Dichloropropene	8.010	75	36045	19.526	ug/l	92
37) Ethyl Acetate	7.175	43	9573	19.903	ug/l #	87
38) Carbon Tetrachloride	7.993	117	33344	18.851	ug/l	97
39) Methylcyclohexane	9.275	83	43610	18.737	ug/l	90
40) Benzene	8.252	78	112921	20.411	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	4974m	19.624	ug/l	
42) 1,2-Dichloroethane	8.328	62	25123	20.630	ug/l	91
43) Isopropyl Acetate	8.363	43	17399	19.549	ug/l #	74
44) Trichloroethene	9.034	130	30418	18.708	ug/l	97
45) 1,2-Dichloropropane	9.305	63	24538	20.632	ug/l	93
46) Dibromomethane	9.393	93	14565	19.870	ug/l	95
47) Bromodichloromethane	9.587	83	35286	19.880	ug/l	99
48) Methyl methacrylate	9.381	41	8265	19.767	ug/l #	61
49) 1,4-Dioxane	9.393	88	2568	386.197	ug/l #	74
51) 4-Methyl-2-Pentanone	10.163	43	44314	95.738	ug/l #	81
52) Toluene	10.334	92	72430	20.203	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	32344	20.257	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	38886	19.830	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	20742	19.989	ug/l	97
56) Ethyl methacrylate	10.599	69	19698	19.937	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	32275	20.210	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	47960	99.186	ug/l #	88
59) 2-Hexanone	10.922	43	30337	92.680	ug/l	74
60) Dibromochloromethane	11.075	129	24346	19.858	ug/l	100
61) 1,2-Dibromoethane	11.181	107	19366	19.816	ug/l	97
64) Tetrachloroethene	10.816	164	25012	19.330	ug/l	90
65) Chlorobenzene	11.610	112	76079	19.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	26676	20.025	ug/l	97
67) Ethyl Benzene	11.687	91	129554	19.346	ug/l	96
68) m/p-Xylenes	11.799	106	106062	39.405	ug/l	92
69) o-Xylene	12.128	106	48318	19.330	ug/l	95
70) Styrene	12.140	104	82670	19.882	ug/l	95
71) Bromoform	12.304	173	13072	19.217	ug/l #	97
73) Isopropylbenzene	12.428	105	124048	19.133	ug/l	99
74) N-amyl acetate	12.234	43	15022	18.704	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	21715	19.749	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	12793m	19.267	ug/l	
77) Bromobenzene	12.704	156	29479	19.125	ug/l	90
78) n-propylbenzene	12.769	91	152818	19.398	ug/l	99
79) 2-Chlorotoluene	12.851	91	83844	19.641	ug/l	95
80) 1,3,5-Trimethylbenzene	12.910	105	102879	19.350	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	6073	19.238	ug/l #	75
82) 4-Chlorotoluene	12.951	91	87259	19.809	ug/l	95
83) tert-Butylbenzene	13.169	119	83475	18.065	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	101327	19.720	ug/l	95
85) sec-Butylbenzene	13.351	105	135867	18.993	ug/l	99
86) p-Isopropyltoluene	13.463	119	109608	18.751	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	61080	19.171	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	59563	18.898	ug/l	97
89) n-Butylbenzene	13.793	91	101726	18.976	ug/l	99
90) Hexachloroethane	14.057	117	21900	19.403	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	51274	19.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2735	19.765	ug/l	82
93) 1,2,4-Trichlorobenzene	15.104	180	28141	17.898	ug/l	98
94) Hexachlorobutadiene	15.210	225	13755	18.342	ug/l	97
95) Naphthalene	15.339	128	49567	17.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	24035	17.715	ug/l	98

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

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