

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075231.D
 Acq On : 30 Jan 2023 12:06
 Operator : KP/SY
 Sample : VD0130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBS01

Quant Time: Jan 31 00:21:05 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	103313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	93896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34492	54.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.240%			
35) Dibromofluoromethane	7.810	113	33986	54.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.880%			
50) Toluene-d8	10.269	98	129774	52.795	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.575	95	41668	53.413	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12423	23.763	ug/l	99
3) Chloromethane	2.146	50	18728	23.213	ug/l	97
4) Vinyl Chloride	2.281	62	19179	22.154	ug/l	98
5) Bromomethane	2.681	94	12825	21.783	ug/l	100
6) Chloroethane	2.834	64	12740	21.224	ug/l	92
7) Trichlorofluoromethane	3.175	101	24978	22.699	ug/l	96
8) Diethyl Ether	3.593	74	6997	19.735	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	14946	22.002	ug/l	97
10) Methyl Iodide	4.169	142	16190	17.705	ug/l	99
11) Tert butyl alcohol	5.040	59	4203	94.531	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	14255	19.933	ug/l	89
13) Acrolein	3.805	56	4068	92.996	ug/l	93
14) Allyl chloride	4.569	41	22078	19.023	ug/l	92
15) Acrylonitrile	5.252	53	15351	102.394	ug/l	100
16) Acetone	4.022	43	17364	103.301	ug/l	97
17) Carbon Disulfide	4.275	76	46344	19.980	ug/l	100
18) Methyl Acetate	4.564	43	9912	21.694	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	30894	20.680	ug/l	99
20) Methylene Chloride	4.805	84	20343	18.236	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	16448	20.660	ug/l	92
22) Diisopropyl ether	6.216	45	44636	20.663	ug/l	97
23) Vinyl Acetate	6.158	43	100703m	105.772	ug/l	
24) 1,1-Dichloroethane	6.116	63	28265	20.821	ug/l	100
25) 2-Butanone	7.081	43	21990	108.241	ug/l	94
26) 2,2-Dichloropropane	7.075	77	24354	20.125	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	17315	19.952	ug/l	100
28) Bromochloromethane	7.428	49	8657	23.357	ug/l #	97
29) Tetrahydrofuran	7.446	42	12580	108.567	ug/l	98
30) Chloroform	7.599	83	28441	21.009	ug/l	90
31) Cyclohexane	7.875	56	26500	20.732	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	25979	22.275	ug/l	98
36) 1,1-Dichloropropene	8.010	75	21879	21.813	ug/l	98
37) Ethyl Acetate	7.175	43	8771	21.705	ug/l #	94
38) Carbon Tetrachloride	7.993	117	19924	23.592	ug/l	98
39) Methylcyclohexane	9.275	83	25657	20.756	ug/l	96
40) Benzene	8.252	78	63030	22.035	ug/l	98

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41) Methacrylonitrile	7.410	41	4945	20.337	ug/l	96
42) 1,2-Dichloroethane	8.328	62	17849	23.755	ug/l	99
43) Isopropyl Acetate	8.363	43	17485	22.235	ug/l	99
44) Trichloroethene	9.028	130	16461	20.464	ug/l	94
45) 1,2-Dichloropropane	9.310	63	15612	22.157	ug/l	93
46) Dibromomethane	9.393	93	8365	22.510	ug/l	99
47) Bromodichloromethane	9.587	83	21499	23.320	ug/l	95
48) Methyl methacrylate	9.381	41	8760	22.780	ug/l	93
49) 1,4-Dioxane	9.387	88	1388	391.250	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	43347	114.787	ug/l	97
52) Toluene	10.334	92	38740	21.431	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	19147	21.952	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	23295	21.861	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	11112	22.595	ug/l	95
56) Ethyl methacrylate	10.599	69	12417	20.996	ug/l	95
57) 1,3-Dichloropropane	10.881	76	19309	22.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	23224	114.760	ug/l	98
59) 2-Hexanone	10.922	43	30818	112.866	ug/l	97
60) Dibromochloromethane	11.075	129	13745	23.188	ug/l	98
61) 1,2-Dibromoethane	11.181	107	11067	23.553	ug/l	92
64) Tetrachloroethene	10.810	164	14661	21.865	ug/l	98
65) Chlorobenzene	11.610	112	40600	21.101	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.687	131	14678	22.681	ug/l	96
67) Ethyl Benzene	11.687	91	75364	21.761	ug/l	98
68) m/p-Xylenes	11.798	106	58155	43.468	ug/l	100
69) o-Xylene	12.122	106	25947	20.675	ug/l	92
70) Styrene	12.140	104	45415	21.769	ug/l	99
71) Bromoform	12.298	173	7715	23.087	ug/l #	99
73) Isopropylbenzene	12.422	105	71997	19.753	ug/l	98
74) N-amyl acetate	12.234	43	15619	19.563	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	12625	21.740	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	9272m	23.726	ug/l	
77) Bromobenzene	12.704	156	16378	19.673	ug/l	97
78) n-propylbenzene	12.763	91	90770	20.266	ug/l	99
79) 2-Chlorotoluene	12.851	91	48002	19.487	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	59669	19.982	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3425	20.329	ug/l	96
82) 4-Chlorotoluene	12.951	91	51577	20.365	ug/l	99
83) tert-Butylbenzene	13.169	119	50704	19.624	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	58655	20.001	ug/l	100
85) sec-Butylbenzene	13.345	105	79811	20.334	ug/l	100
86) p-Isopropyltoluene	13.463	119	65353	20.337	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	34242	21.219	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	33433	21.057	ug/l	99
89) n-Butylbenzene	13.787	91	61751	19.720	ug/l	99
90) Hexachloroethane	14.057	117	12264	21.612	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	30042	21.759	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2067	23.279	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	18264	20.145	ug/l	98
94) Hexachlorobutadiene	15.204	225	9237	20.789	ug/l	98
95) Naphthalene	15.334	128	32653	18.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	15187	19.632	ug/l	99

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

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