

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075263.D
 Acq On : 08 Feb 2023 10:16
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 05:39:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/09/2023
 Supervised By :Mahesh Dadoda 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	57984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	95613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	83895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33403	49.129	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.260%		
35) Dibromofluoromethane	7.804	113	32262	48.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.269	98	123330	48.507	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.020%		
62) 4-Bromofluorobenzene	12.575	95	41481	49.478	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23422	50.219	ug/l	97
3) Chloromethane	2.146	50	38072	47.085	ug/l	98
4) Vinyl Chloride	2.281	62	42540	44.099	ug/l	99
5) Bromomethane	2.687	94	28479	46.142	ug/l	99
6) Chloroethane	2.834	64	30255	45.463	ug/l	95
7) Trichlorofluoromethane	3.175	101	57283	47.759	ug/l	98
8) Diethyl Ether	3.593	74	15834	49.108	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	33905	49.814	ug/l	97
10) Methyl Iodide	4.164	142	40316	48.916	ug/l	97
11) Tert butyl alcohol	5.052	59	9452	234.949	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	31861	49.094	ug/l	97
13) Acrolein	3.799	56	4405	202.406	ug/l	96
14) Allyl chloride	4.563	41	54720	50.678	ug/l	94
15) Acrylonitrile	5.252	53	37326	249.854	ug/l	98
16) Acetone	4.016	43	47658	265.087	ug/l	94
17) Carbon Disulfide	4.269	76	94652	47.275	ug/l	100
18) Methyl Acetate	4.558	43	23045	48.108	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	75583	50.727	ug/l	98
20) Methylene Chloride	4.799	84	38417	50.818	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	36383	49.542	ug/l	96
22) Diisopropyl ether	6.210	45	111623	51.973	ug/l	96
23) Vinyl Acetate	6.158	43	276205	369.787	ug/l	98
24) 1,1-Dichloroethane	6.105	63	68382	51.069	ug/l	98
25) 2-Butanone	7.081	43	55439	248.869	ug/l	99
26) 2,2-Dichloropropane	7.075	77	60826	51.320	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	41957	51.066	ug/l	99
28) Bromochloromethane	7.428	49	17166	51.495	ug/l	93
29) Tetrahydrofuran	7.446	42	30532	254.528	ug/l	96
30) Chloroform	7.599	83	71330	51.756	ug/l	99
31) Cyclohexane	7.881	56	58691	48.613	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	63545	51.545	ug/l	99
36) 1,1-Dichloropropene	8.010	75	52761	50.519	ug/l	99
37) Ethyl Acetate	7.169	43	22377	49.128	ug/l	97
38) Carbon Tetrachloride	7.993	117	51401	53.114	ug/l	98
39) Methylcyclohexane	9.275	83	60772	50.272	ug/l	99
40) Benzene	8.252	78	147175	50.140	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11173	41.120	ug/l	92
42) 1,2-Dichloroethane	8.322	62	42506	50.018	ug/l	100
43) Isopropyl Acetate	8.363	43	42197	48.484	ug/l	99
44) Trichloroethene	9.022	130	39784	49.169	ug/l	95
45) 1,2-Dichloropropane	9.304	63	37453	50.242	ug/l	100
46) Dibromomethane	9.393	93	20331	49.215	ug/l	97
47) Bromodichloromethane	9.587	83	51815	50.397	ug/l	95
48) Methyl methacrylate	9.381	41	20958	50.705	ug/l	90
49) 1,4-Dioxane	9.387	88	3767	957.044	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	110354	250.805	ug/l	96
52) Toluene	10.334	92	94519	51.124	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	48170	54.089	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	57614	54.110	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	27117	51.422	ug/l	96
56) Ethyl methacrylate	10.598	69	32479	52.978	ug/l	94
57) 1,3-Dichloropropane	10.881	76	46016	51.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	51478	284.610	ug/l	100
59) 2-Hexanone	10.922	43	82808	257.602	ug/l	97
60) Dibromochloromethane	11.075	129	33379	51.088	ug/l	99
61) 1,2-Dibromoethane	11.181	107	26499	52.113	ug/l	95
64) Tetrachloroethene	10.810	164	32676	50.571	ug/l	92
65) Chlorobenzene	11.610	112	95534	50.494	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	35590	51.667	ug/l	99
67) Ethyl Benzene	11.687	91	181238	51.887	ug/l	98
68) m/p-Xylenes	11.793	106	141770	106.700	ug/l	99
69) o-Xylene	12.122	106	66768	53.797	ug/l	98
70) Styrene	12.140	104	112478	53.501	ug/l	98
71) Bromoform	12.304	173	19384	52.389	ug/l #	98
73) Isopropylbenzene	12.422	105	177677	51.123	ug/l	99
74) N-amyl acetate	12.240	43	39859	51.037	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	29829	49.332	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	23053m	47.308	ug/l	
77) Bromobenzene	12.704	156	38840	49.352	ug/l	94
78) n-propylbenzene	12.763	91	222787	51.517	ug/l	99
79) 2-Chlorotoluene	12.851	91	120387	50.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	148210	51.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	9015	59.630	ug/l	96
82) 4-Chlorotoluene	12.951	91	125193	50.594	ug/l	100
83) tert-Butylbenzene	13.169	119	127746	51.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	149454	51.709	ug/l	98
85) sec-Butylbenzene	13.345	105	198768	51.935	ug/l	99
86) p-Isopropyltoluene	13.463	119	164879	52.664	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	81299	51.110	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	80633	50.659	ug/l	99
89) n-Butylbenzene	13.792	91	159165	52.075	ug/l	99
90) Hexachloroethane	14.057	117	31483	51.008	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	70489	51.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5069	54.049	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	43608	50.448	ug/l	97
94) Hexachlorobutadiene	15.204	225	22994	50.419	ug/l	97
95) Naphthalene	15.334	128	80279	49.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	37820	50.709	ug/l	99

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

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