

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075205.D
 Acq On : 25 Jan 2023 17:54
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/26/2023
 Supervised By :Mahesh Dadoda 01/26/2023

Quant Time: Jan 26 03:51:03 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	7.881	168	65566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	114251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	103941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	49545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36334	54.307	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	108.620%	
35) Dibromofluoromethane	7.805	113	36464	52.817	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.640%	
50) Toluene-d8	10.269	98	145245	53.432	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	106.860%	
62) 4-Bromofluorobenzene	12.575	95	45117	52.297	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	104.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	24877	48.633	ug/l	99
3) Chloromethane	2.146	50	39973	47.196	ug/l	99
4) Vinyl Chloride	2.281	62	43088	47.411	ug/l	97
5) Bromomethane	2.693	94	27891	45.126	ug/l	98
6) Chloroethane	2.834	64	29347	46.572	ug/l	97
7) Trichlorofluoromethane	3.175	101	58554	50.688	ug/l	99
8) Diethyl Ether	3.593	74	18497	49.696	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	37785	52.985	ug/l	98
10) Methyl Iodide	4.164	142	45218	47.104	ug/l	99
11) Tert butyl alcohol	5.046	59	8643	185.174	ug/l #	95
12) 1,1-Dichloroethene	3.940	96	37922	50.512	ug/l	98
13) Acrolein	3.799	56	11431	303.080	ug/l	97
14) Allyl chloride	4.564	41	61589	50.549	ug/l	97
15) Acrylonitrile	5.258	53	42036	267.093	ug/l	99
16) Acetone	4.017	43	44366	251.424	ug/l	100
17) Carbon Disulfide	4.269	76	120613	49.533	ug/l	100
18) Methyl Acetate	4.564	43	24440	50.955	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	80308	51.208	ug/l	98
20) Methylene Chloride	4.799	84	45194	49.013	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	42363	50.688	ug/l	95
22) Diisopropyl ether	6.216	45	120346	53.069	ug/l	97
23) Vinyl Acetate	6.158	43	249108	249.241	ug/l	99
24) 1,1-Dichloroethane	6.111	63	76118	53.412	ug/l	97
25) 2-Butanone	7.081	43	53835	252.425	ug/l	99
26) 2,2-Dichloropropane	7.075	77	62201	48.962	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	47424	52.055	ug/l	99
28) Bromochloromethane	7.428	49	19453	49.996	ug/l	94
29) Tetrahydrofuran	7.446	42	30470	250.491	ug/l	98
30) Chloroform	7.599	83	74105	52.145	ug/l	89
31) Cyclohexane	7.881	56	66456	49.526	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	64324	52.537	ug/l	98
36) 1,1-Dichloropropene	8.010	75	58708	52.927	ug/l	99
37) Ethyl Acetate	7.169	43	23550	52.698	ug/l	96
38) Carbon Tetrachloride	7.993	117	50822	54.417	ug/l	99
39) Methylcyclohexane	9.275	83	70903	51.869	ug/l	97
40) Benzene	8.252	78	171075	54.081	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15136	56.288	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	44436	53.478	ug/l	100
43) Isopropyl Acetate	8.363	43	43650	50.193	ug/l	100
44) Trichloroethene	9.028	130	44536	50.066	ug/l	99
45) 1,2-Dichloropropane	9.305	63	40854	52.429	ug/l	89
46) Dibromomethane	9.393	93	22054	53.666	ug/l	95
47) Bromodichloromethane	9.587	83	54224	53.185	ug/l	99
48) Methyl methacrylate	9.381	41	21399	50.320	ug/l	96
49) 1,4-Dioxane	9.393	88	3534	900.796	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	111388	266.727	ug/l	97
52) Toluene	10.334	92	104573	52.312	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	50348	52.198	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	63074	53.524	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	29110	53.526	ug/l	93
56) Ethyl methacrylate	10.599	69	35170	53.775	ug/l	99
57) 1,3-Dichloropropane	10.881	76	50500	54.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	53834	240.549	ug/l	99
59) 2-Hexanone	10.922	43	78205	258.994	ug/l	100
60) Dibromochloromethane	11.075	129	34781	53.059	ug/l	98
61) 1,2-Dibromoethane	11.181	107	26936	51.838	ug/l	100
64) Tetrachloroethene	10.810	164	35631	48.004	ug/l	92
65) Chlorobenzene	11.610	112	108480	50.933	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	37752	52.697	ug/l	95
67) Ethyl Benzene	11.687	91	201006	52.429	ug/l	99
68) m/p-Xylenes	11.793	106	155365	104.904	ug/l	98
69) o-Xylene	12.122	106	72289	52.035	ug/l	97
70) Styrene	12.140	104	123770	53.594	ug/l	100
71) Bromoform	12.298	173	19183	51.857	ug/l #	96
73) Isopropylbenzene	12.422	105	190775	48.748	ug/l	99
74) N-amyl acetate	12.234	43	39215	45.743	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	31488	50.499	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	23379m	55.716	ug/l	
77) Bromobenzene	12.704	156	41192	46.081	ug/l	93
78) n-propylbenzene	12.763	91	240510	50.012	ug/l	99
79) 2-Chlorotoluene	12.851	91	128320	48.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	161165	50.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	8523	47.115	ug/l	99
82) 4-Chlorotoluene	12.951	91	132587	48.756	ug/l	99
83) tert-Butylbenzene	13.169	119	136511	49.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	158014	50.181	ug/l	99
85) sec-Butylbenzene	13.345	105	211278	50.132	ug/l	98
86) p-Isopropyltoluene	13.463	119	172038	49.861	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	86027	49.648	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	83365	48.900	ug/l	99
89) n-Butylbenzene	13.793	91	168205	50.028	ug/l	99
90) Hexachloroethane	14.057	117	30318	49.759	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	73423	49.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4852	50.893	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	44780	46.001	ug/l	98
94) Hexachlorobutadiene	15.204	225	22239	46.615	ug/l	99
95) Naphthalene	15.339	128	86011	44.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	38465	46.308	ug/l	100

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

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