

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075076.D
 Acq On : 28 Dec 2022 20:02
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/29/2022
 Supervised By :Mahesh Dadoda 12/29/2022

Quant Time: Dec 29 03:54:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	196109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	168027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57012	54.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.940%			
35) Dibromofluoromethane	7.810	113	60484	52.413	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.820%			
50) Toluene-d8	10.269	98	235769	50.565	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.575	95	78337	51.860	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14244	26.460	ug/l	95
3) Chloromethane	2.146	50	21927	23.196	ug/l	88
4) Vinyl Chloride	2.281	62	20749	23.580	ug/l	97
5) Bromomethane	2.681	94	13575	34.299	ug/l	98
6) Chloroethane	2.834	64	15843	28.438	ug/l	94
7) Trichlorofluoromethane	3.170	101	32228	23.865	ug/l	100
8) Diethyl Ether	3.587	74	11271	21.766	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	21066	22.141	ug/l	97
10) Methyl Iodide	4.164	142	21606	26.454	ug/l	95
11) Tert butyl alcohol	5.064	59	7859	89.588	ug/l #	97
12) 1,1-Dichloroethene	3.946	96	22038	23.972	ug/l	95
13) Acrolein	3.799	56	12448	99.694	ug/l	99
14) Allyl chloride	4.569	41	36251	22.661	ug/l #	92
15) Acrylonitrile	5.258	53	26828	102.316	ug/l	100
16) Acetone	4.022	43	22600	83.900	ug/l	94
17) Carbon Disulfide	4.275	76	51111	28.006	ug/l	97
18) Methyl Acetate	4.564	43	16616	23.999	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	51437	21.065	ug/l	91
20) Methylene Chloride	4.805	84	30680	21.887	ug/l #	87
21) trans-1,2-Dichloroethene	5.316	96	23389	22.924	ug/l	93
22) Diisopropyl ether	6.222	45	72991	21.182	ug/l #	91
23) Vinyl Acetate	6.158	43	111218m	71.368	ug/l	
24) 1,1-Dichloroethane	6.116	63	45077	22.397	ug/l	96
25) 2-Butanone	7.081	43	32610	90.719	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	37409	20.807	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	28767	22.352	ug/l	88
28) Bromochloromethane	7.428	49	15250	21.889	ug/l #	80
29) Tetrahydrofuran	7.446	42	19675	94.940	ug/l #	83
30) Chloroform	7.599	83	45121	22.959	ug/l	95
31) Cyclohexane	7.875	56	38512	24.400	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	37990	22.339	ug/l	94
36) 1,1-Dichloropropene	8.010	75	32624	21.887	ug/l	99
37) Ethyl Acetate	7.175	43	15523	20.616	ug/l #	94
38) Carbon Tetrachloride	7.993	117	26067	20.224	ug/l	94
39) Methylcyclohexane	9.275	83	39892	22.037	ug/l	92
40) Benzene	8.252	78	98365	21.676	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9408	20.082	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	26318	22.731	ug/l	98
43) Isopropyl Acetate	8.363	43	28293	18.678	ug/l #	92
44) Trichloroethene	9.028	130	26343	21.076	ug/l	98
45) 1,2-Dichloropropane	9.304	63	25434	20.925	ug/l	97
46) Dibromomethane	9.393	93	12500	20.677	ug/l	99
47) Bromodichloromethane	9.587	83	32739	20.796	ug/l	97
48) Methyl methacrylate	9.375	41	13932	20.249	ug/l #	81
49) 1,4-Dioxane	9.381	88	2865	376.067	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	70128	93.719	ug/l	92
52) Toluene	10.334	92	61579	21.309	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	29021	18.947	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	36134	19.576	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	18397	20.783	ug/l	97
56) Ethyl methacrylate	10.599	69	22717	19.496	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	31675	21.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	33678	70.414	ug/l	95
59) 2-Hexanone	10.922	43	46796	85.999	ug/l	90
60) Dibromochloromethane	11.075	129	21211	20.915	ug/l	96
61) 1,2-Dibromoethane	11.181	107	16872	21.260	ug/l	96
64) Tetrachloroethene	10.810	164	21433	21.792	ug/l	94
65) Chlorobenzene	11.610	112	66612	21.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	22639	21.303	ug/l	99
67) Ethyl Benzene	11.687	91	117185	20.864	ug/l	98
68) m/p-Xylenes	11.793	106	91772	43.095	ug/l	100
69) o-Xylene	12.122	106	43342	21.158	ug/l	98
70) Styrene	12.140	104	74155	21.532	ug/l	97
71) Bromoform	12.304	173	11484	19.917	ug/l #	97
73) Isopropylbenzene	12.422	105	116664	20.523	ug/l	99
74) N-amyl acetate	12.234	43	25666	17.788	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	19453	19.191	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	14803m	19.472	ug/l	
77) Bromobenzene	12.704	156	25257	20.815	ug/l	95
78) n-propylbenzene	12.763	91	142636	20.486	ug/l	99
79) 2-Chlorotoluene	12.851	91	77067	20.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	93047	20.297	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	4679	14.265	ug/l	91
82) 4-Chlorotoluene	12.951	91	78933	20.338	ug/l	99
83) tert-Butylbenzene	13.169	119	81948	20.193	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	88682	19.889	ug/l	98
85) sec-Butylbenzene	13.345	105	124541	19.988	ug/l	98
86) p-Isopropyltoluene	13.463	119	100390	20.197	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	49430	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	48716	20.571	ug/l	97
89) n-Butylbenzene	13.787	91	98310	19.803	ug/l	98
90) Hexachloroethane	14.057	117	17131	19.395	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	44664	21.321	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2760	17.720	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	26164	19.008	ug/l	96
94) Hexachlorobutadiene	15.204	225	12266	17.826	ug/l	97
95) Naphthalene	15.334	128	52874	18.404	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	22241	18.827	ug/l	94

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

