

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079985.D
 Acq On : 15 Oct 2024 15:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 16 01:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	226675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87337	52.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.820%			
35) Dibromofluoromethane	7.805	113	87714	53.613	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.269	98	316459	54.279	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.560%			
62) 4-Bromofluorobenzene	12.569	95	114485	56.252	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66192	46.408	ug/l	99
3) Chloromethane	2.146	50	59675	40.736	ug/l	95
4) Vinyl Chloride	2.287	62	75619	41.517	ug/l	97
5) Bromomethane	2.693	94	64072	40.891	ug/l	100
6) Chloroethane	2.834	64	54477	43.812	ug/l	94
7) Trichlorofluoromethane	3.175	101	142041	49.776	ug/l	96
8) Diethyl Ether	3.593	74	42107	53.718	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	89103	50.839	ug/l	98
10) Methyl Iodide	4.158	142	90397	52.599	ug/l	100
11) Tert butyl alcohol	5.052	59	29171	288.916	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	78462	50.323	ug/l	98
13) Acrolein	3.787	56	18784	173.512	ug/l	96
14) Allyl chloride	4.564	41	118029	50.964	ug/l	99
15) Acrylonitrile	5.258	53	110045	293.811	ug/l	100
16) Acetone	4.022	43	104106	243.304	ug/l	93
17) Carbon Disulfide	4.269	76	193523	44.527	ug/l	95
18) Methyl Acetate	4.558	43	55996	60.963	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	212671	59.058	ug/l	94
20) Methylene Chloride	4.805	84	105036	58.874	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	90540	54.078	ug/l	93
22) Diisopropyl ether	6.216	45	291036	57.946	ug/l	98
23) Vinyl Acetate	6.158	43	824487	292.165	ug/l	99
24) 1,1-Dichloroethane	6.111	63	175717	53.102	ug/l	98
25) 2-Butanone	7.075	43	139001	266.781	ug/l	98
26) 2,2-Dichloropropane	7.075	77	143583	50.151	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	111890	53.742	ug/l	98
28) Bromochloromethane	7.422	49	69060	48.898	ug/l	99
29) Tetrahydrofuran	7.446	42	84991	305.006	ug/l	99
30) Chloroform	7.593	83	199735	56.983	ug/l	99
31) Cyclohexane	7.875	56	116236	46.339	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	156722	53.975	ug/l	100
36) 1,1-Dichloropropene	8.005	75	118762	54.161	ug/l	99
37) Ethyl Acetate	7.169	43	62453	58.831	ug/l	98
38) Carbon Tetrachloride	7.987	117	135418	55.574	ug/l	98
39) Methylcyclohexane	9.275	83	128065	52.045	ug/l	98
40) Benzene	8.246	78	382563	55.169	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	34311	61.544	ug/l	98
42) 1,2-Dichloroethane	8.322	62	110337	57.859	ug/l	99
43) Isopropyl Acetate	8.357	43	117504	60.080	ug/l	99
44) Trichloroethene	9.028	130	94578	55.135	ug/l	98
45) 1,2-Dichloropropane	9.305	63	103971	59.128	ug/l	99
46) Dibromomethane	9.393	93	58691	60.494	ug/l	99
47) Bromodichloromethane	9.581	83	149956	58.278	ug/l	99
48) Methyl methacrylate	9.381	41	52315	59.384	ug/l	93
49) 1,4-Dioxane	9.381	88	13765	1291.182	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	324748	324.559	ug/l	99
52) Toluene	10.334	92	244366	57.557	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	134049	59.493	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	157632	59.288	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	82042	60.201	ug/l	97
56) Ethyl methacrylate	10.593	69	102028	64.084	ug/l	96
57) 1,3-Dichloropropane	10.875	76	134730	61.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	187013	317.437	ug/l	97
59) 2-Hexanone	10.916	43	229619	309.849	ug/l	98
60) Dibromochloromethane	11.075	129	107697	60.822	ug/l	99
61) 1,2-Dibromoethane	11.175	107	76686	61.140	ug/l	99
64) Tetrachloroethene	10.804	164	85233	56.248	ug/l	99
65) Chlorobenzene	11.604	112	281545	56.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	102983	57.334	ug/l	97
67) Ethyl Benzene	11.681	91	475989	56.286	ug/l	98
68) m/p-Xylenes	11.793	106	371701	114.530	ug/l	99
69) o-Xylene	12.122	106	174978	58.273	ug/l	97
70) Styrene	12.134	104	322852	60.421	ug/l	100
71) Bromoform	12.298	173	66630	61.682	ug/l #	96
73) Isopropylbenzene	12.422	105	461127	53.847	ug/l	100
74) N-amyl acetate	12.234	43	118831	57.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	101066	58.207	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	63455m	45.691	ug/l	
77) Bromobenzene	12.698	156	121942	55.041	ug/l	100
78) n-propylbenzene	12.763	91	581801	54.646	ug/l	100
79) 2-Chlorotoluene	12.845	91	336559	54.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	397589	55.087	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	34475	55.398	ug/l	99
82) 4-Chlorotoluene	12.945	91	358270	53.914	ug/l	99
83) tert-Butylbenzene	13.163	119	337288	54.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	410181	56.595	ug/l	99
85) sec-Butylbenzene	13.345	105	522583	54.966	ug/l	100
86) p-Isopropyltoluene	13.457	119	446147	56.251	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	246538	54.390	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	245902	54.298	ug/l	98
89) n-Butylbenzene	13.787	91	418110	54.503	ug/l	99
90) Hexachloroethane	14.051	117	92695	52.872	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	221348	55.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15972	55.091	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	138581	55.846	ug/l	100
94) Hexachlorobutadiene	15.198	225	78033	57.105	ug/l	98
95) Naphthalene	15.334	128	265527	59.999	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	126024	57.307	ug/l	99

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

