

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079976.D
 Acq On : 14 Oct 2024 13:48
 Operator : RP/MD
 Sample : P4368-02
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Oct 15 03:12:25 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 10/15/2024
 Supervised By :Semsettin Yesilyurt 10/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	234611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86457	53.435	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.810	113	92034	54.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.700%			
50) Toluene-d8	10.269	98	309625	51.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.575	95	102121	48.480	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6762	4.837	ug/l	95
3) Chloromethane	2.146	50	6316	4.399	ug/l	96
4) Vinyl Chloride	2.281	62	8049	4.509	ug/l	97
5) Bromomethane	2.699	94	8319	5.417	ug/l	97
6) Chloroethane	2.840	64	5126	4.206	ug/l #	75
7) Trichlorofluoromethane	3.175	101	13694	4.896	ug/l	89
8) Diethyl Ether	3.599	74	3551	4.622	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	8789	5.116	ug/l	96
10) Methyl Iodide	4.175	142	7558	4.487	ug/l #	94
11) Tert butyl alcohol	5.046	59	2761	27.899	ug/l #	82
12) 1,1-Dichloroethene	3.946	96	7382	4.830	ug/l	97
13) Acrolein	3.799	56	3293	31.034	ug/l	99
14) Allyl chloride	4.558	41	11205	4.936	ug/l	93
15) Acrylonitrile	5.263	53	9521	25.935	ug/l	93
16) Acetone	4.028	43	10247	24.433	ug/l	91
17) Carbon Disulfide	4.269	76	17870	4.195	ug/l #	94
18) Methyl Acetate	4.569	43	5016	5.572	ug/l #	79
19) Methyl tert-butyl Ether	5.322	73	16984	4.812	ug/l #	88
20) Methylene Chloride	4.799	84	13881	4.111	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	7931	4.833	ug/l	92
22) Diisopropyl ether	6.216	45	20742	4.213	ug/l #	85
23) Vinyl Acetate	6.157	43	58397	21.113	ug/l	99
24) 1,1-Dichloroethane	6.116	63	16411	5.060	ug/l #	92
25) 2-Butanone	7.087	43	12984	25.425	ug/l	96
26) 2,2-Dichloropropane	7.081	77	15317	5.458	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	9825	4.815	ug/l	91
28) Bromochloromethane	7.434	49	7918	5.720	ug/l	97
29) Tetrahydrofuran	7.452	42	6755	24.733	ug/l #	81
30) Chloroform	7.599	83	18221	5.304	ug/l	97
31) Cyclohexane	7.881	56	13062	5.313	ug/l #	62
32) 1,1,1-Trichloroethane	7.793	97	14822	5.208	ug/l	98
36) 1,1-Dichloropropene	8.010	75	10214	4.500	ug/l	96
37) Ethyl Acetate	7.163	43	5389	4.905	ug/l #	93
38) Carbon Tetrachloride	7.993	117	11953	4.739	ug/l	97
39) Methylcyclohexane	9.275	83	10549	4.142	ug/l	90
40) Benzene	8.252	78	33678	4.692	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	2460	4.263	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	10336	5.237	ug/l	97
43) Isopropyl Acetate	8.363	43	9957	4.919	ug/l	95
44) Trichloroethene	9.028	130	8461	4.766	ug/l	93
45) 1,2-Dichloropropane	9.304	63	8267	4.542	ug/l	93
46) Dibromomethane	9.399	93	4903	4.883	ug/l	96
47) Bromodichloromethane	9.587	83	13494	5.067	ug/l #	90
48) Methyl methacrylate	9.387	41	4087	4.482	ug/l	93
49) 1,4-Dioxane	9.399	88	1087	98.514	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	23604	22.792	ug/l	94
52) Toluene	10.334	92	21419	4.874	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	10791	4.627	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	11758	4.273	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	7267	5.152	ug/l	95
56) Ethyl methacrylate	10.598	69	7321	4.443	ug/l	93
57) 1,3-Dichloropropane	10.881	76	10705	4.703	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	13418	22.005	ug/l	99
59) 2-Hexanone	10.922	43	16779	21.876	ug/l	92
60) Dibromochloromethane	11.075	129	9638	5.259	ug/l	95
61) 1,2-Dibromoethane	11.181	107	6550	5.046	ug/l	99
64) Tetrachloroethene	10.804	164	6928	4.535	ug/l #	90
65) Chlorobenzene	11.604	112	24937	4.947	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	9302	5.137	ug/l	93
67) Ethyl Benzene	11.681	91	36494	4.280	ug/l	97
68) m/p-Xylenes	11.792	106	26962	8.240	ug/l	99
69) o-Xylene	12.122	106	12749	4.211	ug/l	93
70) Styrene	12.134	104	21846	4.055	ug/l	99
71) Bromoform	12.298	173	5539	5.086	ug/l #	98
73) Isopropylbenzene	12.422	105	31752	4.232	ug/l	99
74) N-amyl acetate	12.234	43	7770	4.282	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	8867	5.829	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	4471m	3.674	ug/l	
77) Bromobenzene	12.698	156	10125	5.216	ug/l	98
78) n-propylbenzene	12.763	91	42907	4.600	ug/l	99
79) 2-Chlorotoluene	12.845	91	26718	4.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	26937	4.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	2586	4.743	ug/l	96
82) 4-Chlorotoluene	12.945	91	26315	4.520	ug/l	92
83) tert-Butylbenzene	13.163	119	24587	4.537	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	27215	4.286	ug/l	99
85) sec-Butylbenzene	13.345	105	36560	4.389	ug/l	98
86) p-Isopropyltoluene	13.457	119	30494	4.388	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	19211	4.837	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	20106	5.067	ug/l	97
89) n-Butylbenzene	13.787	91	30198	4.493	ug/l	97
90) Hexachloroethane	14.051	117	7291	4.747	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	17774	5.123	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1429	5.626	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	10435	4.800	ug/l	94
94) Hexachlorobutadiene	15.204	225	5959	4.977	ug/l	95
95) Naphthalene	15.333	128	17337	4.471	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	9137	4.742	ug/l	97

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

