

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079730.D
 Acq On : 14 Aug 2024 11:25
 Operator : RP/MD
 Sample : VD0814SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 15 01:30:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	315459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99651	51.341	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.680%			
35) Dibromofluoromethane	7.804	113	96427	49.583	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.160%			
50) Toluene-d8	10.263	98	421755	51.888	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.569	95	117305	51.544	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37910	24.875	ug/l	95
3) Chloromethane	2.152	50	77770	23.867	ug/l	91
4) Vinyl Chloride	2.281	62	87462	22.706	ug/l	97
5) Bromomethane	2.687	94	54314	20.716	ug/l	98
6) Chloroethane	2.834	64	59838	22.758	ug/l	96
7) Trichlorofluoromethane	3.175	101	75035	21.781	ug/l	92
8) Diethyl Ether	3.593	74	23314	21.643	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.952	101	44376	21.881	ug/l	93
10) Methyl Iodide	4.157	142	37518	16.528	ug/l	91
11) Tert butyl alcohol	5.057	59	15688	163.182	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	45102	21.269	ug/l	98
13) Acrolein	3.793	56	22989	101.824	ug/l	94
14) Allyl chloride	4.557	41	65120	20.474	ug/l #	84
15) Acrylonitrile	5.252	53	53899	108.690	ug/l	98
16) Acetone	4.016	43	42925	106.210	ug/l	99
17) Carbon Disulfide	4.263	76	155868	20.735	ug/l	98
18) Methyl Acetate	4.557	43	26606	20.105	ug/l #	87
19) Methyl tert-butyl Ether	5.310	73	93519	21.478	ug/l	100
20) Methylene Chloride	4.799	84	74088	24.631	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	48758	20.942	ug/l	89
22) Diisopropyl ether	6.216	45	141937	21.655	ug/l #	93
23) Vinyl Acetate	6.152	43	541752	112.764	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	88363	20.394	ug/l	97
25) 2-Butanone	7.081	43	65291	109.337	ug/l	95
26) 2,2-Dichloropropane	7.069	77	74616	21.805	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	56303	20.848	ug/l	85
28) Bromochloromethane	7.428	49	37687	20.446	ug/l #	63
29) Tetrahydrofuran	7.451	42	41122	113.279	ug/l #	80
30) Chloroform	7.593	83	86928	20.660	ug/l	92
31) Cyclohexane	7.875	56	72093	20.321	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	71696	20.597	ug/l	97
36) 1,1-Dichloropropene	7.998	75	62091	20.597	ug/l	95
37) Ethyl Acetate	7.163	43	29505	21.627	ug/l #	95
38) Carbon Tetrachloride	7.993	117	64437	21.059	ug/l	96
39) Methylcyclohexane	9.269	83	74116	20.801	ug/l	91
40) Benzene	8.246	78	203200	20.726	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15274	21.258	ug/l	88
42) 1,2-Dichloroethane	8.322	62	49459	21.824	ug/l	96
43) Isopropyl Acetate	8.357	43	52084	21.891	ug/l #	79
44) Trichloroethene	9.028	130	44366	20.603	ug/l	96
45) 1,2-Dichloropropane	9.304	63	48935	20.278	ug/l	95
46) Dibromomethane	9.393	93	26399	21.607	ug/l #	86
47) Bromodichloromethane	9.581	83	63524	20.626	ug/l	98
48) Methyl methacrylate	9.381	41	24044	21.971	ug/l #	81
49) 1,4-Dioxane	9.381	88	6204	504.540	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	138616	113.243	ug/l	92
52) Toluene	10.328	92	125197	21.295	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	60570	21.039	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	72789	20.600	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	35200	21.613	ug/l	94
56) Ethyl methacrylate	10.592	69	43464	23.334	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	61998	22.081	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	97207	109.448	ug/l	90
59) 2-Hexanone	10.916	43	101019	122.064	ug/l	93
60) Dibromochloromethane	11.075	129	43652	21.754	ug/l	99
61) 1,2-Dibromoethane	11.175	107	30946	21.398	ug/l	97
64) Tetrachloroethene	10.804	164	35223	19.824	ug/l	91
65) Chlorobenzene	11.604	112	131534	20.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	41795	20.077	ug/l	96
67) Ethyl Benzene	11.681	91	218578	19.509	ug/l	97
68) m/p-Xylenes	11.792	106	176164	40.435	ug/l	91
69) o-Xylene	12.116	106	79885	20.062	ug/l	91
70) Styrene	12.134	104	143626	20.561	ug/l	98
71) Bromoform	12.298	173	22490	21.017	ug/l #	100
73) Isopropylbenzene	12.416	105	204927	20.308	ug/l	98
74) N-amyl acetate	12.228	43	50364	22.402	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	41972	22.276	ug/l	90
76) 1,2,3-Trichloropropane	12.722	75	26644m	22.738	ug/l	
77) Bromobenzene	12.698	156	45836	20.309	ug/l	82
78) n-propylbenzene	12.757	91	257631	20.632	ug/l	96
79) 2-Chlorotoluene	12.845	91	143197	20.594	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	173759	20.764	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	15949	23.195	ug/l	97
82) 4-Chlorotoluene	12.945	91	152345	20.835	ug/l	95
83) tert-Butylbenzene	13.163	119	144567	20.470	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	177209	20.699	ug/l	98
85) sec-Butylbenzene	13.339	105	224373	20.617	ug/l	97
86) p-Isopropyltoluene	13.457	119	189773	20.758	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	98339	20.468	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	98137	20.693	ug/l	95
89) n-Butylbenzene	13.786	91	175181	20.328	ug/l	98
90) Hexachloroethane	14.051	117	38827	20.699	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	85290	20.612	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5997	23.318	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	48608	20.420	ug/l	96
94) Hexachlorobutadiene	15.198	225	26771	22.364	ug/l	90
95) Naphthalene	15.328	128	101087	22.204	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	42589	20.411	ug/l	98

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

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