

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079681.D
 Acq On : 08 Aug 2024 21:43
 Operator : RP/MD
 Sample : VD0808SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBS02

Quant Time: Aug 09 01:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	343973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99620	47.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.805	113	104091	40.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.480%		
50) Toluene-d8	10.269	98	410550	40.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	81.740%		
62) 4-Bromofluorobenzene	12.575	95	116446	40.060	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25611	15.983	ug/l	91
3) Chloromethane	2.146	50	53026	17.960	ug/l	96
4) Vinyl Chloride	2.281	62	62358	17.764	ug/l	99
5) Bromomethane	2.681	94	44829	18.577	ug/l	98
6) Chloroethane	2.828	64	46132	20.451	ug/l	92
7) Trichlorofluoromethane	3.164	101	62882	18.012	ug/l	96
8) Diethyl Ether	3.593	74	21383	20.277	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	40137	18.178	ug/l	95
10) Methyl Iodide	4.158	142	36735	15.118	ug/l	96
11) Tert butyl alcohol	5.052	59	14467	155.148	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	38138	17.260	ug/l	93
13) Acrolein	3.793	56	11772	66.095	ug/l	92
14) Allyl chloride	4.558	41	56777	19.459	ug/l #	84
15) Acrylonitrile	5.252	53	54079	109.742	ug/l	98
16) Acetone	4.022	43	41997	104.015	ug/l #	87
17) Carbon Disulfide	4.269	76	101521	13.919	ug/l	99
18) Methyl Acetate	4.564	43	29593	23.607	ug/l #	82
19) Methyl tert-butyl Ether	5.311	73	90913	20.156	ug/l	98
20) Methylene Chloride	4.793	84	86449	20.802	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	43587	17.559	ug/l	87
22) Diisopropyl ether	6.216	45	139328	21.461	ug/l #	93
23) Vinyl Acetate	6.158	43	499944	102.443	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	89315	20.529	ug/l	93
25) 2-Butanone	7.081	43	61794	107.952	ug/l	94
26) 2,2-Dichloropropane	7.075	77	64845	18.427	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	53148	18.732	ug/l	83
28) Bromochloromethane	7.428	49	39225	20.560	ug/l #	64
29) Tetrahydrofuran	7.446	42	37574	105.918	ug/l #	83
30) Chloroform	7.593	83	92543	21.005	ug/l	99
31) Cyclohexane	7.875	56	57232	16.587	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	69787	19.196	ug/l	96
36) 1,1-Dichloropropene	8.005	75	56405	15.977	ug/l	97
37) Ethyl Acetate	7.169	43	29131	20.125	ug/l #	95
38) Carbon Tetrachloride	7.993	117	62289	16.783	ug/l	95
39) Methylcyclohexane	9.275	83	60163	14.282	ug/l	91
40) Benzene	8.252	78	194318	17.329	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	16157	20.292	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	49116	18.381	ug/l	96
43) Isopropyl Acetate	8.363	43	50714	18.642	ug/l #	81
44) Trichloroethene	9.028	130	44820	16.057	ug/l	98
45) 1,2-Dichloropropane	9.304	63	49828	18.260	ug/l	97
46) Dibromomethane	9.393	93	26980	17.834	ug/l	90
47) Bromodichloromethane	9.587	83	69381	18.678	ug/l	96
48) Methyl methacrylate	9.381	41	20714	17.014	ug/l	91
49) 1,4-Dioxane	9.387	88	6179	394.179	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	138890	99.998	ug/l	91
52) Toluene	10.328	92	121274	17.487	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	59415	17.320	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	70636	17.119	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	37347	18.741	ug/l	94
56) Ethyl methacrylate	10.593	69	43345	18.357	ug/l	89
57) 1,3-Dichloropropane	10.881	76	61505	18.162	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	85202	78.243	ug/l	90
59) 2-Hexanone	10.922	43	96600	99.724	ug/l	93
60) Dibromochloromethane	11.069	129	44794	17.207	ug/l	97
61) 1,2-Dibromoethane	11.181	107	31238	16.732	ug/l	95
64) Tetrachloroethene	10.810	164	36659	15.805	ug/l	94
65) Chlorobenzene	11.604	112	134599	17.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	45602	18.197	ug/l	99
67) Ethyl Benzene	11.681	91	216866	17.392	ug/l	98
68) m/p-Xylenes	11.793	106	172917	34.954	ug/l	92
69) o-Xylene	12.122	106	80096	17.664	ug/l	93
70) Styrene	12.134	104	141735	17.829	ug/l	95
71) Bromoform	12.293	173	24284	17.141	ug/l #	98
73) Isopropylbenzene	12.416	105	205057	18.739	ug/l	100
74) N-amyl acetate	12.234	43	50555	20.455	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	43234	19.805	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26767m	18.224	ug/l	
77) Bromobenzene	12.698	156	48702	17.285	ug/l	84
78) n-propylbenzene	12.763	91	257973	18.366	ug/l	96
79) 2-Chlorotoluene	12.845	91	144359	18.457	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	173244	18.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	14519	18.853	ug/l	97
82) 4-Chlorotoluene	12.945	91	154949	19.004	ug/l	95
83) tert-Butylbenzene	13.163	119	144130	18.371	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	174022	18.820	ug/l	98
85) sec-Butylbenzene	13.345	105	225637	18.123	ug/l	99
86) p-Isopropyltoluene	13.457	119	188645	18.654	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	102434	17.551	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	101637	17.713	ug/l	96
89) n-Butylbenzene	13.787	91	172526	18.441	ug/l	98
90) Hexachloroethane	14.051	117	39328	18.060	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	90410	18.125	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6431	22.141	ug/l	78
93) 1,2,4-Trichlorobenzene	15.092	180	50463	16.057	ug/l	95
94) Hexachlorobutadiene	15.198	225	25874	15.254	ug/l	96
95) Naphthalene	15.328	128	101073	18.581	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	45444	16.438	ug/l	98

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

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