

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079554.D
 Acq On : 02 Aug 2024 20:44
 Operator : RP/MD
 Sample : VD0802SBS02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS02

Quant Time: Aug 03 00:34:12 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 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113009	54.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.780%			
35) Dibromofluoromethane	7.805	113	117074	48.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.120%			
50) Toluene-d8	10.269	98	448761	47.933	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.569	95	137206	50.643	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30109	18.961	ug/l	99
3) Chloromethane	2.146	50	57471	19.642	ug/l	98
4) Vinyl Chloride	2.275	62	68388	19.658	ug/l	97
5) Bromomethane	2.669	94	44598	18.659	ug/l	97
6) Chloroethane	2.822	64	39223	17.545	ug/l	97
7) Trichlorofluoromethane	3.164	101	63814	18.444	ug/l	95
8) Diethyl Ether	3.587	74	22756	21.774	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	43189	19.737	ug/l	95
10) Methyl Iodide	4.158	142	43243	17.758	ug/l	96
11) Tert butyl alcohol	5.063	59	13234	142.102	ug/l	99
12) 1,1-Dichloroethene	3.928	96	39142	17.874	ug/l	91
13) Acrolein	3.799	56	13563	82.488	ug/l	86
14) Allyl chloride	4.564	41	56361	19.491	ug/l #	83
15) Acrylonitrile	5.252	53	56598	115.893	ug/l	97
16) Acetone	4.022	43	38704	96.726	ug/l	96
17) Carbon Disulfide	4.258	76	125817	17.406	ug/l	99
18) Methyl Acetate	4.558	43	33656	27.091	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	93874	21.001	ug/l	96
20) Methylene Chloride	4.799	84	73288	14.345	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	45159	18.357	ug/l	89
22) Diisopropyl ether	6.210	45	135719	21.094	ug/l #	86
23) Vinyl Acetate	6.158	43	497592	102.883	ug/l	94
24) 1,1-Dichloroethane	6.110	63	88543	20.536	ug/l	94
25) 2-Butanone	7.081	43	61033	107.588	ug/l	92
26) 2,2-Dichloropropane	7.075	77	61169	17.539	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	56035	19.928	ug/l	93
28) Bromochloromethane	7.422	49	39381	20.829	ug/l #	74
29) Tetrahydrofuran	7.446	42	40854	116.207	ug/l #	81
30) Chloroform	7.593	83	92032	21.078	ug/l	96
31) Cyclohexane	7.875	56	60008	17.549	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	72352	20.082	ug/l	98
36) 1,1-Dichloropropene	8.010	75	57459	17.461	ug/l	97
37) Ethyl Acetate	7.169	43	29842	22.119	ug/l	95
38) Carbon Tetrachloride	7.987	117	63151	18.256	ug/l	98
39) Methylcyclohexane	9.275	83	61395	15.637	ug/l	91
40) Benzene	8.252	78	196863	18.836	ug/l #	90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16766m	22.592	ug/l	
42) 1,2-Dichloroethane	8.322	62	52298	20.999	ug/l	96
43) Isopropyl Acetate	8.363	43	52840	20.839	ug/l #	93
44) Trichloroethene	9.028	130	46958	18.049	ug/l	95
45) 1,2-Dichloropropane	9.299	63	50414	19.821	ug/l	98
46) Dibromomethane	9.393	93	29182	20.696	ug/l	95
47) Bromodichloromethane	9.587	83	71121	20.542	ug/l	97
48) Methyl methacrylate	9.381	41	22794	20.087	ug/l	90
49) 1,4-Dioxane	9.387	88	6639	454.397	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	148065	114.375	ug/l	93
52) Toluene	10.334	92	124105	19.200	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	62266	19.475	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	74570	19.390	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	40783	21.957	ug/l	94
56) Ethyl methacrylate	10.598	69	46935	21.326	ug/l	91
57) 1,3-Dichloropropane	10.875	76	65889	20.875	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	103928	102.396	ug/l	90
59) 2-Hexanone	10.922	43	102565	113.600	ug/l	91
60) Dibromochloromethane	11.069	129	51244	21.119	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35812	20.580	ug/l	91
64) Tetrachloroethene	10.810	164	42130	18.108	ug/l	89
65) Chlorobenzene	11.604	112	140379	18.373	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	49752	19.791	ug/l	98
67) Ethyl Benzene	11.681	91	225516	18.030	ug/l	98
68) m/p-Xylenes	11.793	106	174871	35.239	ug/l	90
69) o-Xylene	12.116	106	81161	17.843	ug/l	90
70) Styrene	12.134	104	151228	18.964	ug/l	98
71) Bromoform	12.298	173	29918	21.052	ug/l #	97
73) Isopropylbenzene	12.416	105	205094	17.973	ug/l	98
74) N-amyl acetate	12.228	43	53147	20.410	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	49402	21.480	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	29438m	19.023	ug/l	
77) Bromobenzene	12.692	156	60457	20.366	ug/l	91
78) n-propylbenzene	12.757	91	263906	17.833	ug/l	98
79) 2-Chlorotoluene	12.845	91	151395	18.373	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	180834	18.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	16062	19.796	ug/l	99
82) 4-Chlorotoluene	12.945	91	157841	18.375	ug/l	98
83) tert-Butylbenzene	13.163	119	152443	18.428	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	184971	18.956	ug/l	99
85) sec-Butylbenzene	13.340	105	231946	17.683	ug/l	99
86) p-Isopropyltoluene	13.457	119	191829	18.139	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	109368	17.786	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	111275	18.406	ug/l	96
89) n-Butylbenzene	13.781	91	177147	18.069	ug/l	98
90) Hexachloroethane	14.051	117	41333	18.016	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	100642	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6696	21.881	ug/l	98
93) 1,2,4-Trichlorobenzene	15.092	180	58142	17.560	ug/l	97
94) Hexachlorobutadiene	15.198	225	28860	16.149	ug/l	98
95) Naphthalene	15.328	128	116363	20.304	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.516	180	52382	17.984	ug/l	99

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

