

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079658.D
 Acq On : 08 Aug 2024 00:24
 Operator : RP/MD
 Sample : VD0807SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS02

Quant Time: Aug 08 01:59:12 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 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	188213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	352726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	318363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104237	54.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.040%			
35) Dibromofluoromethane	7.805	113	108806	45.575	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.140%			
50) Toluene-d8	10.269	98	422238	45.543	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.080%			
62) 4-Bromofluorobenzene	12.569	95	119206	44.432	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26934	18.264	ug/l	97
3) Chloromethane	2.146	50	53111	19.546	ug/l	99
4) Vinyl Chloride	2.281	62	62019	19.196	ug/l	100
5) Bromomethane	2.681	94	49183	22.679	ug/l	95
6) Chloroethane	2.834	64	46854	22.569	ug/l	98
7) Trichlorofluoromethane	3.169	101	63252	19.686	ug/l	98
8) Diethyl Ether	3.599	74	20079	20.688	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.964	101	39109	19.246	ug/l	95
10) Methyl Iodide	4.158	142	43349	19.073	ug/l	98
11) Tert butyl alcohol	5.058	59	11743	135.019	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	40290	19.812	ug/l	94
13) Acrolein	3.805	56	12623	82.740	ug/l	99
14) Allyl chloride	4.564	41	58247	21.690	ug/l #	85
15) Acrylonitrile	5.258	53	51577	113.724	ug/l	99
16) Acetone	4.028	43	35825	96.409	ug/l	97
17) Carbon Disulfide	4.269	76	106484	15.863	ug/l	97
18) Methyl Acetate	4.569	43	28223	24.463	ug/l #	83
19) Methyl tert-butyl Ether	5.316	73	89381	21.532	ug/l	95
20) Methylene Chloride	4.799	84	74468	17.973	ug/l #	84
21) trans-1,2-Dichloroethene	5.316	96	45213	19.791	ug/l	90
22) Diisopropyl ether	6.216	45	134844	22.568	ug/l #	88
23) Vinyl Acetate	6.158	43	483171	107.576	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	89640	22.388	ug/l	95
25) 2-Butanone	7.081	43	57284	108.736	ug/l	92
26) 2,2-Dichloropropane	7.075	77	64705	19.979	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	55300	21.177	ug/l	86
28) Bromochloromethane	7.422	49	39098	22.268	ug/l #	68
29) Tetrahydrofuran	7.452	42	34688	106.247	ug/l #	82
30) Chloroform	7.599	83	91389	22.539	ug/l	100
31) Cyclohexane	7.881	56	57674	18.162	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	71306	21.312	ug/l	97
36) 1,1-Dichloropropene	8.010	75	57317	17.590	ug/l	96
37) Ethyl Acetate	7.169	43	28016	20.970	ug/l	94
38) Carbon Tetrachloride	7.993	117	61050	17.822	ug/l	98
39) Methylcyclohexane	9.275	83	58828	15.131	ug/l #	83
40) Benzene	8.252	78	194539	18.796	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17381	23.651	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	48307	19.587	ug/l	95
43) Isopropyl Acetate	8.357	43	50742	20.208	ug/l #	92
44) Trichloroethene	9.028	130	48093	18.667	ug/l	83
45) 1,2-Dichloropropane	9.304	63	49193	19.531	ug/l	98
46) Dibromomethane	9.393	93	26156	18.732	ug/l	92
47) Bromodichloromethane	9.581	83	67549	19.702	ug/l	97
48) Methyl methacrylate	9.387	41	22667	20.171	ug/l #	82
49) 1,4-Dioxane	9.381	88	5225	361.134	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	127946	99.805	ug/l	92
52) Toluene	10.334	92	121557	18.990	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	58871	18.594	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	72378	19.005	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	37386	20.326	ug/l	91
56) Ethyl methacrylate	10.599	69	40456	18.563	ug/l	91
57) 1,3-Dichloropropane	10.875	76	61403	19.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87429	86.987	ug/l #	88
59) 2-Hexanone	10.922	43	85018	95.091	ug/l	92
60) Dibromochloromethane	11.075	129	44674	18.592	ug/l	97
61) 1,2-Dibromoethane	11.181	107	31658	18.372	ug/l	94
64) Tetrachloroethene	10.810	164	36875	17.177	ug/l	94
65) Chlorobenzene	11.604	112	134363	19.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	44140	19.030	ug/l	98
67) Ethyl Benzene	11.681	91	217396	18.837	ug/l	99
68) m/p-Xylenes	11.793	106	172906	37.763	ug/l	94
69) o-Xylene	12.122	106	77528	18.473	ug/l	87
70) Styrene	12.134	104	139075	18.902	ug/l	96
71) Bromoform	12.298	173	24832	18.938	ug/l #	98
73) Isopropylbenzene	12.416	105	198391	19.653	ug/l	100
74) N-amyl acetate	12.234	43	45872	20.344	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	41870	21.024	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	26006m	19.407	ug/l	
77) Bromobenzene	12.698	156	48724	18.955	ug/l	82
78) n-propylbenzene	12.763	91	251037	19.590	ug/l	96
79) 2-Chlorotoluene	12.845	91	141276	19.799	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	170627	19.981	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13742	19.559	ug/l	95
82) 4-Chlorotoluene	12.945	91	150403	20.220	ug/l	96
83) tert-Butylbenzene	13.163	119	141376	19.479	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	169185	19.830	ug/l	98
85) sec-Butylbenzene	13.340	105	219674	19.340	ug/l	99
86) p-Isopropyltoluene	13.457	119	181123	19.428	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	98422	18.484	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	98688	18.852	ug/l	95
89) n-Butylbenzene	13.787	91	162862	18.950	ug/l	98
90) Hexachloroethane	14.051	117	38085	19.170	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	87340	19.193	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5187	19.574	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	46648	16.270	ug/l	99
94) Hexachlorobutadiene	15.198	225	25793	16.668	ug/l	93
95) Naphthalene	15.328	128	90941	18.325	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.510	180	42312	16.776	ug/l	99

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

