

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079639.D
 Acq On : 07 Aug 2024 14:25
 Operator : RP/MD
 Sample : VD0807SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 01:49:19 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	187986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	348903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95005	49.747	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.500%		
35) Dibromofluoromethane	7.805	113	99047	41.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.880%		
50) Toluene-d8	10.269	98	384565	41.934	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.860%		
62) 4-Bromofluorobenzene	12.569	95	110470	41.627	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29883	20.288	ug/l	100
3) Chloromethane	2.146	50	57123	21.048	ug/l	100
4) Vinyl Chloride	2.281	62	70321	21.792	ug/l	97
5) Bromomethane	2.681	94	52431	24.393	ug/l	96
6) Chloroethane	2.828	64	50335	24.275	ug/l	90
7) Trichlorofluoromethane	3.169	101	68651	21.393	ug/l	99
8) Diethyl Ether	3.587	74	23359	24.097	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.958	101	44628	21.988	ug/l	95
10) Methyl Iodide	4.164	142	44222	19.454	ug/l	97
11) Tert butyl alcohol	5.052	59	14950	175.629	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	42870	21.106	ug/l	94
13) Acrolein	3.793	56	15855	111.661	ug/l	96
14) Allyl chloride	4.558	41	64871	24.186	ug/l #	86
15) Acrylonitrile	5.252	53	60343	133.213	ug/l	95
16) Acetone	4.022	43	39670	106.885	ug/l	88
17) Carbon Disulfide	4.269	76	116738	17.412	ug/l	99
18) Methyl Acetate	4.564	43	31070	26.963	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	100163	24.159	ug/l	94
20) Methylene Chloride	4.799	84	76018	18.890	ug/l #	83
21) trans-1,2-Dichloroethene	5.305	96	48165	21.109	ug/l	92
22) Diisopropyl ether	6.210	45	149569	25.063	ug/l #	90
23) Vinyl Acetate	6.152	43	563648	125.645	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	96938	24.239	ug/l	94
25) 2-Butanone	7.081	43	64594	122.760	ug/l	95
26) 2,2-Dichloropropane	7.069	77	71346	22.056	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	59937	22.981	ug/l	89
28) Bromochloromethane	7.428	49	39580	22.570	ug/l #	66
29) Tetrahydrofuran	7.446	42	41614	127.615	ug/l #	81
30) Chloroform	7.593	83	97431	24.058	ug/l	99
31) Cyclohexane	7.875	56	67328	21.228	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	76589	22.918	ug/l	98
36) 1,1-Dichloropropene	8.010	75	63537	19.712	ug/l	95
37) Ethyl Acetate	7.163	43	30388	22.994	ug/l	95
38) Carbon Tetrachloride	7.993	117	66884	19.739	ug/l	98
39) Methylcyclohexane	9.275	83	67074	17.441	ug/l #	87
40) Benzene	8.252	78	208913	20.406	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16309	22.436	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	53594	21.969	ug/l	95
43) Isopropyl Acetate	8.363	43	57569	23.178	ug/l #	91
44) Trichloroethene	9.028	130	47357	18.582	ug/l	82
45) 1,2-Dichloropropane	9.304	63	53543	21.491	ug/l	98
46) Dibromomethane	9.393	93	28699	20.779	ug/l	91
47) Bromodichloromethane	9.587	83	71354	21.040	ug/l	98
48) Methyl methacrylate	9.381	41	26046	23.432	ug/l	85
49) 1,4-Dioxane	9.381	88	6076	424.553	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	153987	121.435	ug/l	90
52) Toluene	10.334	92	129860	20.510	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	64643	20.641	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	79984	21.232	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	41381	22.744	ug/l	95
56) Ethyl methacrylate	10.598	69	46990	21.797	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	67705	21.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	97403	97.973	ug/l	90
59) 2-Hexanone	10.922	43	102563	115.972	ug/l	92
60) Dibromochloromethane	11.069	129	49402	20.785	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35464	20.806	ug/l	95
64) Tetrachloroethene	10.804	164	41127	19.467	ug/l	93
65) Chlorobenzene	11.604	112	145267	20.938	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	47317	20.729	ug/l	98
67) Ethyl Benzene	11.681	91	236281	20.803	ug/l	98
68) m/p-Xylenes	11.793	106	185690	41.209	ug/l	91
69) o-Xylene	12.116	106	86603	20.968	ug/l	92
70) Styrene	12.134	104	150851	20.832	ug/l	94
71) Bromoform	12.298	173	26610	20.621	ug/l #	98
73) Isopropylbenzene	12.416	105	221377	21.273	ug/l	99
74) N-amyl acetate	12.234	43	56566	24.755	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	46876	23.226	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	29058m	21.398	ug/l	
77) Bromobenzene	12.698	156	52215	20.044	ug/l	82
78) n-propylbenzene	12.763	91	276201	21.269	ug/l	96
79) 2-Chlorotoluene	12.845	91	156820	21.687	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	185306	21.413	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	16576	23.281	ug/l	97
82) 4-Chlorotoluene	12.945	91	166242	22.053	ug/l	97
83) tert-Butylbenzene	13.163	119	157969	21.105	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	188386	21.450	ug/l	98
85) sec-Butylbenzene	13.340	105	242517	21.069	ug/l	99
86) p-Isopropyltoluene	13.457	119	202356	21.020	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	109785	20.346	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	108872	20.522	ug/l	96
89) n-Butylbenzene	13.787	91	189521	21.200	ug/l	97
90) Hexachloroethane	14.051	117	42733	21.225	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	98212	21.296	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7190	26.774	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	55764	19.192	ug/l	98
94) Hexachlorobutadiene	15.198	225	29195	18.617	ug/l	95
95) Naphthalene	15.328	128	107291	21.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	48826	19.103	ug/l	99

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

