

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079510.D
 Acq On : 31 Jul 2024 23:30
 Operator : RP/MD
 Sample : VD0731SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 01:58:22 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 :Romaben
 Patel

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

Internal Standards						08/01/2024
1) Pentafluorobenzene	7.875	168	199079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168486	50.000	ug/l	0.00
System Monitoring Compounds						08/01/2024
33) 1,2-Dichloroethane-d4	8.228	65	118250	58.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.940%
35) Dibromofluoromethane	7.805	113	123981	53.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.540%
50) Toluene-d8	10.269	98	482982	53.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.569	95	142956	55.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	30923	19.825	ug/l	98
3) Chloromethane	2.146	50	60576	21.077	ug/l	94
4) Vinyl Chloride	2.281	62	73145	21.404	ug/l	100
5) Bromomethane	2.675	94	59782	26.477	ug/l	97
6) Chloroethane	2.828	64	45106	20.541	ug/l	97
7) Trichlorofluoromethane	3.170	101	70929	20.871	ug/l	99
8) Diethyl Ether	3.587	74	22144	21.571	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	44637	20.767	ug/l	97
10) Methyl Iodide	4.158	142	51244	21.160	ug/l	97
11) Tert butyl alcohol	5.064	59	12501	136.004	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	43615	20.276	ug/l	93
13) Acrolein	3.793	56	17718	119.195	ug/l	97
14) Allyl chloride	4.558	41	57952	20.403	ug/l	87
15) Acrylonitrile	5.252	53	53325	111.161	ug/l	98
16) Acetone	4.022	43	36684	93.332	ug/l	99
17) Carbon Disulfide	4.264	76	150618	21.213	ug/l	98
18) Methyl Acetate	4.564	43	33392	27.363	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	96743	22.034	ug/l	92
20) Methylene Chloride	4.799	84	91421	24.544	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	51157	21.171	ug/l	88
22) Diisopropyl ether	6.216	45	139487	22.071	ug/l #	95
23) Vinyl Acetate	6.152	43	491196	103.393	ug/l	95
24) 1,1-Dichloroethane	6.105	63	89692	21.178	ug/l	99
25) 2-Butanone	7.087	43	57254	102.747	ug/l	99
26) 2,2-Dichloropropane	7.075	77	65828	19.216	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	58210	21.075	ug/l	87
28) Bromochloromethane	7.428	49	39977	21.526	ug/l #	73
29) Tetrahydrofuran	7.446	42	38374	111.122	ug/l #	85
30) Chloroform	7.593	83	99037	23.092	ug/l	99
31) Cyclohexane	7.875	56	63757	18.982	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	76141	21.515	ug/l	99
36) 1,1-Dichloropropene	8.010	75	63769	20.262	ug/l	96
37) Ethyl Acetate	7.169	43	29725	23.036	ug/l	97
38) Carbon Tetrachloride	7.993	117	70051	21.174	ug/l	96
39) Methylcyclohexane	9.275	83	68399	18.215	ug/l	91
40) Benzene	8.252	78	208092	20.818	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	15144	21.337	ug/l	#	80
42) 1,2-Dichloroethane	8.328	62	53509	22.464	ug/l		99
43) Isopropyl Acetate	8.363	43	52479	21.640	ug/l	#	93
44) Trichloroethene	9.028	130	51198	20.575	ug/l		95
45) 1,2-Dichloropropane	9.305	63	52905	21.748	ug/l		99
46) Dibromomethane	9.393	93	31232	23.159	ug/l		97
47) Bromodichloromethane	9.581	83	73368	22.157	ug/l	#	97
48) Methyl methacrylate	9.381	41	21277	19.605	ug/l		90
49) 1,4-Dioxane	9.387	88	5880	420.791	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.157	43	140402	113.398	ug/l		92
52) Toluene	10.334	92	133069	21.525	ug/l		99
53) t-1,3-Dichloropropene	10.552	75	63591	20.796	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	77274	21.009	ug/l		96
55) 1,1,2-Trichloroethane	10.728	97	39851	22.433	ug/l	#	91
56) Ethyl methacrylate	10.593	69	46345	22.018	ug/l		90
57) 1,3-Dichloropropane	10.875	76	67957	22.512	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	92018	94.794	ug/l		93
59) 2-Hexanone	10.922	43	95403	110.484	ug/l		92
60) Dibromochloromethane	11.069	129	51381	22.141	ug/l		95
61) 1,2-Dibromoethane	11.175	107	38378	23.060	ug/l		97
64) Tetrachloroethene	10.810	164	45745	20.757	ug/l		96
65) Chlorobenzene	11.604	112	149600	20.671	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.675	131	50349	21.145	ug/l		98
67) Ethyl Benzene	11.681	91	233049	19.670	ug/l		99
68) m/p-Xylenes	11.793	106	192643	40.984	ug/l		96
69) o-Xylene	12.116	106	84513	19.616	ug/l		89
70) Styrene	12.134	104	158637	21.002	ug/l		99
71) Bromoform	12.298	173	31907	23.703	ug/l	#	100
73) Isopropylbenzene	12.416	105	215620	19.475	ug/l		99
74) N-amyl acetate	12.228	43	49300	19.894	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.669	83	48527	22.171	ug/l		94
76) 1,2,3-Trichloropropane	12.722	75	35818m	24.321	ug/l		
77) Bromobenzene	12.698	156	58495	20.705	ug/l		92
78) n-propylbenzene	12.757	91	276602	19.640	ug/l		97
79) 2-Chlorotoluene	12.846	91	155171	19.787	ug/l		97
80) 1,3,5-Trimethylbenzene	12.898	105	188283	20.061	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.463	75	15406	19.952	ug/l		97
82) 4-Chlorotoluene	12.946	91	165612	20.258	ug/l		100
83) tert-Butylbenzene	13.163	119	156071	19.550	ug/l		96
84) 1,2,4-Trimethylbenzene	13.204	105	187566	19.974	ug/l		99
85) sec-Butylbenzene	13.340	105	240124	19.235	ug/l		100
86) p-Isopropyltoluene	13.457	119	203434	19.769	ug/l		99
87) 1,3-Dichlorobenzene	13.451	146	121157	20.703	ug/l		99
88) 1,4-Dichlorobenzene	13.534	146	120687	20.977	ug/l		98
89) n-Butylbenzene	13.787	91	181780	19.186	ug/l		99
90) Hexachloroethane	14.045	117	44088	20.192	ug/l		94
91) 1,2-Dichlorobenzene	13.828	146	104905	20.975	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6592	22.634	ug/l		91
93) 1,2,4-Trichlorobenzene	15.092	180	57846	18.357	ug/l		97
94) Hexachlorobutadiene	15.198	225	32187	18.925	ug/l		97
95) Naphthalene	15.328	128	107766	19.759	ug/l		97
96) 1,2,3-Trichlorobenzene	15.516	180	51810	18.691	ug/l		97

08/01/2024
 Supervised By :Mahesh
 Dadoda

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Patel

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

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

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Dadoda

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