

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079530.D
 Acq On : 01 Aug 2024 17:22
 Operator : RP/MD
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 01:30:04 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

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	181879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102440	55.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.880%
35) Dibromofluoromethane	7.804	113	108553	51.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.269	98	416980	50.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.569	95	123073	51.971	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	34955	24.529	ug/l	97
3) Chloromethane	2.146	50	64345	24.505	ug/l	92
4) Vinyl Chloride	2.275	62	77421	24.798	ug/l	99
5) Bromomethane	2.669	94	44867	21.254	ug/l	98
6) Chloroethane	2.822	64	45872	22.865	ug/l	96
7) Trichlorofluoromethane	3.158	101	75099	24.188	ug/l	96
8) Diethyl Ether	3.587	74	24401	26.017	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	46267	23.561	ug/l	97
10) Methyl Iodide	4.152	142	50365	22.652	ug/l	98
11) Tert butyl alcohol	5.052	59	13881	168.231	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	44779	22.786	ug/l	94
13) Acrolein	3.793	56	17437	130.122	ug/l	93
14) Allyl chloride	4.552	41	59586	22.962	ug/l	89
15) Acrylonitrile	5.246	53	56235	128.313	ug/l	99
16) Acetone	4.016	43	43493	121.120	ug/l	93
17) Carbon Disulfide	4.263	76	147256	22.701	ug/l	98
18) Methyl Acetate	4.563	43	29258	26.243	ug/l #	86
19) Methyl tert-butyl Ether	5.305	73	99024	24.686	ug/l	95
20) Methylene Chloride	4.793	84	85348	25.559	ug/l #	85
21) trans-1,2-Dichloroethene	5.305	96	51131	23.161	ug/l	93
22) Diisopropyl ether	6.210	45	143007	24.768	ug/l	93
23) Vinyl Acetate	6.152	43	543010	125.109	ug/l	93
24) 1,1-Dichloroethane	6.099	63	93228	24.094	ug/l	95
25) 2-Butanone	7.081	43	64967	127.615	ug/l	92
26) 2,2-Dichloropropane	7.069	77	72467	23.154	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	58644	23.240	ug/l	85
28) Bromochloromethane	7.422	49	39062	23.022	ug/l #	73
29) Tetrahydrofuran	7.440	42	42150	133.599	ug/l #	83
30) Chloroform	7.593	83	96228	24.558	ug/l	96
31) Cyclohexane	7.875	56	67982	22.153	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	78795	24.370	ug/l	98
36) 1,1-Dichloropropene	8.004	75	65081	22.627	ug/l	96
37) Ethyl Acetate	7.169	43	32622	27.663	ug/l #	95
38) Carbon Tetrachloride	7.987	117	69881	23.112	ug/l	96
39) Methylcyclohexane	9.269	83	74102	21.593	ug/l	91
40) Benzene	8.246	78	214545	23.485	ug/l	97

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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	17221	26.548	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	53650	24.645	ug/l	96
43) Isopropyl Acetate	8.357	43	55776	25.166	ug/l	94
44) Trichloroethene	9.022	130	50534	22.221	ug/l	91
45) 1,2-Dichloropropane	9.304	63	52117	23.443	ug/l	100
46) Dibromomethane	9.393	93	29886	24.249	ug/l	94
47) Bromodichloromethane	9.581	83	72512	23.961	ug/l	99
48) Methyl methacrylate	9.381	41	23317	23.508	ug/l	91
49) 1,4-Dioxane	9.387	88	7123	557.758	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	146990	129.902	ug/l	92
52) Toluene	10.334	92	133877	23.695	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	64146	22.953	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	79924	23.776	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	40210	24.767	ug/l	93
56) Ethyl methacrylate	10.598	69	46566	24.207	ug/l	91
57) 1,3-Dichloropropane	10.875	76	66443	24.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	104895	118.238	ug/l	92
59) 2-Hexanone	10.916	43	101195	128.230	ug/l	91
60) Dibromochloromethane	11.069	129	50078	23.612	ug/l	96
61) 1,2-Dibromoethane	11.175	107	37122	24.407	ug/l	97
64) Tetrachloroethene	10.804	164	44031	22.391	ug/l	95
65) Chlorobenzene	11.604	112	147678	22.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	51233	24.113	ug/l	98
67) Ethyl Benzene	11.681	91	235807	22.305	ug/l	99
68) m/p-Xylenes	11.792	106	189569	45.198	ug/l	95
69) o-Xylene	12.116	106	86147	22.408	ug/l	94
70) Styrene	12.134	104	159098	23.605	ug/l	99
71) Bromoform	12.292	173	29923	24.912	ug/l #	95
73) Isopropylbenzene	12.416	105	217459	21.846	ug/l	100
74) N-amyl acetate	12.234	43	52273	24.045	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	48183	25.094	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36458m	28.219	ug/l	
77) Bromobenzene	12.698	156	57402	23.161	ug/l	91
78) n-propylbenzene	12.757	91	276077	22.345	ug/l	97
79) 2-Chlorotoluene	12.845	91	152957	22.234	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	188834	22.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	16385	24.188	ug/l	96
82) 4-Chlorotoluene	12.945	91	165026	23.011	ug/l	98
83) tert-Butylbenzene	13.163	119	154343	21.577	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	187551	22.287	ug/l	99
85) sec-Butylbenzene	13.339	105	245494	22.417	ug/l	100
86) p-Isopropyltoluene	13.457	119	208998	22.486	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	117297	22.848	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	117104	23.202	ug/l	97
89) n-Butylbenzene	13.786	91	190399	22.174	ug/l	98
90) Hexachloroethane	14.045	117	44869	23.425	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	101386	23.108	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6511	25.484	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	60821	22.002	ug/l	98
94) Hexachlorobutadiene	15.198	225	33686	22.578	ug/l	93
95) Naphthalene	15.328	128	111633	23.332	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	54907	22.580	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

