

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079314.D
 Acq On : 02 Jul 2024 13:02
 Operator : RP/MD
 Sample : VD0702SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 01:20:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76552	49.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.600%		
35) Dibromofluoromethane	7.798	113	89754	48.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.480%		
50) Toluene-d8	10.269	98	299277	45.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.360%		
62) 4-Bromofluorobenzene	12.569	95	106519	50.146	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38316	21.572	ug/l	99
3) Chloromethane	2.146	50	56734	21.065	ug/l	99
4) Vinyl Chloride	2.281	62	71869	23.931	ug/l	100
5) Bromomethane	2.669	94	55646	20.920	ug/l	94
6) Chloroethane	2.828	64	48602	22.814	ug/l	97
7) Trichlorofluoromethane	3.163	101	72724	21.170	ug/l	90
8) Diethyl Ether	3.587	74	20273	20.064	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	44423	20.814	ug/l	93
10) Methyl Iodide	4.157	142	44513	24.961	ug/l	92
11) Tert butyl alcohol	5.063	59	11390m	108.321	ug/l	
12) 1,1-Dichloroethene	3.928	96	41988	20.323	ug/l	93
13) Acrolein	3.793	56	21071	101.324	ug/l	97
14) Allyl chloride	4.552	41	54980	20.852	ug/l	87
15) Acrylonitrile	5.252	53	46540	101.054	ug/l	96
16) Acetone	4.016	43	35834	96.077	ug/l	94
17) Carbon Disulfide	4.263	76	143025	19.706	ug/l	99
18) Methyl Acetate	4.552	43	25002	23.074	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	86150	20.352	ug/l	97
20) Methylene Chloride	4.793	84	60502	20.270	ug/l	85
21) trans-1,2-Dichloroethene	5.305	96	47893	20.629	ug/l	83
22) Diisopropyl ether	6.216	45	124433	21.690	ug/l	94
23) Vinyl Acetate	6.152	43	453890	104.509	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	84591	21.032	ug/l	95
25) 2-Butanone	7.081	43	53415	102.799	ug/l	96
26) 2,2-Dichloropropane	7.069	77	68296	21.509	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	51484	20.242	ug/l	84
28) Bromochloromethane	7.422	49	35375	21.094	ug/l #	72
29) Tetrahydrofuran	7.440	42	33675	104.325	ug/l #	84
30) Chloroform	7.593	83	88330	21.289	ug/l	97
31) Cyclohexane	7.881	56	66795	19.995	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	73055	21.453	ug/l	98
36) 1,1-Dichloropropene	8.004	75	62008	21.675	ug/l	94
37) Ethyl Acetate	7.163	43	25756	23.652	ug/l	97
38) Carbon Tetrachloride	7.987	117	65311	22.481	ug/l	95
39) Methylcyclohexane	9.269	83	68859	20.459	ug/l	90
40) Benzene	8.246	78	187802	21.041	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11534	19.269	ug/l	95
42) 1,2-Dichloroethane	8.322	62	46184	21.515	ug/l	96
43) Isopropyl Acetate	8.357	43	44499	21.174	ug/l #	84
44) Trichloroethene	9.028	130	41283	20.249	ug/l	70
45) 1,2-Dichloropropane	9.298	63	46132	21.228	ug/l	93
46) Dibromomethane	9.393	93	26117	21.189	ug/l	91
47) Bromodichloromethane	9.581	83	66025	21.890	ug/l #	90
48) Methyl methacrylate	9.381	41	20289	21.396	ug/l	83
49) 1,4-Dioxane	9.387	88	5211	412.583	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	117719	107.636	ug/l	95
52) Toluene	10.334	92	115667	21.287	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	57926	21.266	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	67346	20.606	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	32808	20.637	ug/l	91
56) Ethyl methacrylate	10.592	69	39794	20.974	ug/l	97
57) 1,3-Dichloropropane	10.875	76	59231	21.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	82983	98.125	ug/l	91
59) 2-Hexanone	10.916	43	83314	107.271	ug/l	93
60) Dibromochloromethane	11.069	129	41951	20.905	ug/l	96
61) 1,2-Dibromoethane	11.175	107	31654	21.719	ug/l	93
64) Tetrachloroethene	10.804	164	34264	21.243	ug/l	95
65) Chlorobenzene	11.604	112	123540	21.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	41431	21.140	ug/l	98
67) Ethyl Benzene	11.681	91	206959	20.598	ug/l	100
68) m/p-Xylenes	11.792	106	162799	42.007	ug/l	87
69) o-Xylene	12.116	106	71168	20.442	ug/l	81
70) Styrene	12.134	104	131585	21.193	ug/l	95
71) Bromoform	12.292	173	22541	21.208	ug/l #	99
73) Isopropylbenzene	12.416	105	192395	20.685	ug/l	97
74) N-amyl acetate	12.234	43	42815	20.973	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	41177	21.238	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	23783m	18.994	ug/l	
77) Bromobenzene	12.698	156	44503	21.270	ug/l	79
78) n-propylbenzene	12.757	91	248060	20.833	ug/l	93
79) 2-Chlorotoluene	12.845	91	139585	20.968	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	165284	20.989	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	14335	21.244	ug/l	99
82) 4-Chlorotoluene	12.945	91	148787	21.273	ug/l	93
83) tert-Butylbenzene	13.163	119	132686	20.800	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	163674	20.765	ug/l	96
85) sec-Butylbenzene	13.339	105	212649	20.951	ug/l	96
86) p-Isopropyltoluene	13.457	119	171169	20.432	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	92121	20.706	ug/l	94
88) 1,4-Dichlorobenzene	13.533	146	92474	20.914	ug/l	96
89) n-Butylbenzene	13.786	91	168825	20.537	ug/l	96
90) Hexachloroethane	14.051	117	36671	19.901	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	80071	20.914	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5787	21.771	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	42322	20.731	ug/l	95
94) Hexachlorobutadiene	15.198	225	23804	20.969	ug/l	99
95) Naphthalene	15.328	128	81226	20.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	39079	21.649	ug/l	96

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

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