

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078691.D
 Acq On : 18 Mar 2024 12:27
 Operator : RP/MD
 Sample : VD0318SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 01:25:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	119299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51484	46.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.810	113	60964	46.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.080%		
50) Toluene-d8	10.269	98	225327	46.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.575	95	66978	47.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22504	20.268	ug/l	97
3) Chloromethane	2.152	50	34871	19.891	ug/l	95
4) Vinyl Chloride	2.287	62	54902	21.229	ug/l	94
5) Bromomethane	2.687	94	50818	20.523	ug/l	97
6) Chloroethane	2.840	64	43172	21.406	ug/l	98
7) Trichlorofluoromethane	3.181	101	46121	22.542	ug/l	96
8) Diethyl Ether	3.593	74	12369	20.706	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.981	101	29273	22.798	ug/l	96
10) Methyl Iodide	4.170	142	31221	20.555	ug/l #	96
11) Tert butyl alcohol	5.052	59	6495	129.810	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	26870	22.013	ug/l	92
13) Acrolein	3.805	56	9010	114.955	ug/l	99
14) Allyl chloride	4.564	41	27521	20.206	ug/l	98
15) Acrylonitrile	5.246	53	27851	115.656	ug/l #	89
16) Acetone	4.022	43	24972	115.506	ug/l	95
17) Carbon Disulfide	4.275	76	79997	19.991	ug/l	98
18) Methyl Acetate	4.564	43	8942	19.273	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	54418	22.107	ug/l	100
20) Methylene Chloride	4.805	84	37101	22.491	ug/l #	91
21) trans-1,2-Dichloroethene	5.316	96	31578	21.925	ug/l	92
22) Diisopropyl ether	6.222	45	69175	22.339	ug/l	96
23) Vinyl Acetate	6.152	43	203551	112.377	ug/l	98
24) 1,1-Dichloroethane	6.116	63	50249	21.644	ug/l	98
25) 2-Butanone	7.087	43	33789	117.553	ug/l	92
26) 2,2-Dichloropropane	7.075	77	44225	22.515	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	34295	20.876	ug/l	99
28) Bromochloromethane	7.428	49	17399	21.021	ug/l	93
29) Tetrahydrofuran	7.446	42	17696	113.191	ug/l	97
30) Chloroform	7.593	83	56856	21.964	ug/l	99
31) Cyclohexane	7.875	56	38144	20.298	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	47133	21.460	ug/l	99
36) 1,1-Dichloropropene	8.016	75	39656	20.641	ug/l	96
37) Ethyl Acetate	7.169	43	13165	20.976	ug/l	98
38) Carbon Tetrachloride	7.993	117	43111	21.285	ug/l	90
39) Methylcyclohexane	9.275	83	45600	20.461	ug/l	97
40) Benzene	8.252	78	124192	21.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6297	19.145	ug/l	93
42) 1,2-Dichloroethane	8.328	62	30815	21.758	ug/l	97
43) Isopropyl Acetate	8.363	43	24044	21.065	ug/l #	86
44) Trichloroethene	9.034	130	33643	21.346	ug/l	85
45) 1,2-Dichloropropane	9.305	63	29890	21.696	ug/l	91
46) Dibromomethane	9.393	93	17142	20.757	ug/l	99
47) Bromodichloromethane	9.587	83	42689	21.714	ug/l	98
48) Methyl methacrylate	9.381	41	11969	21.521	ug/l	97
49) 1,4-Dioxane	9.381	88	3198	418.238	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	67784	113.594	ug/l	97
52) Toluene	10.328	92	76339	20.417	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	38678	21.518	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	46348	21.449	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	24362	22.029	ug/l	97
56) Ethyl methacrylate	10.599	69	23251	20.973	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38308	21.468	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	50547	103.401	ug/l	95
59) 2-Hexanone	10.922	43	50702	114.619	ug/l	99
60) Dibromochloromethane	11.075	129	30388	22.282	ug/l	96
61) 1,2-Dibromoethane	11.175	107	21760	20.332	ug/l	97
64) Tetrachloroethene	10.810	164	26228	20.562	ug/l	90
65) Chlorobenzene	11.604	112	83095	20.630	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	31117	21.095	ug/l	99
67) Ethyl Benzene	11.681	91	140494	20.469	ug/l	97
68) m/p-Xylenes	11.793	106	114264	40.997	ug/l	98
69) o-Xylene	12.122	106	50830	19.711	ug/l	97
70) Styrene	12.134	104	91047	21.035	ug/l	99
71) Bromoform	12.298	173	17327	21.735	ug/l #	94
73) Isopropylbenzene	12.422	105	133820	21.065	ug/l	99
74) N-amyl acetate	12.234	43	23274	22.565	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28056	23.857	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17347m	23.336	ug/l	
77) Bromobenzene	12.698	156	33480	21.251	ug/l	98
78) n-propylbenzene	12.763	91	166546	21.538	ug/l	100
79) 2-Chlorotoluene	12.851	91	88132	20.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	115318	21.951	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7309	20.610	ug/l	87
82) 4-Chlorotoluene	12.945	91	96715	21.555	ug/l	97
83) tert-Butylbenzene	13.169	119	97221	21.463	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	113282	21.398	ug/l	98
85) sec-Butylbenzene	13.345	105	150791	21.997	ug/l	98
86) p-Isopropyltoluene	13.463	119	125409	21.370	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	69732	20.974	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	72055	21.991	ug/l	99
89) n-Butylbenzene	13.787	91	113417	21.400	ug/l	100
90) Hexachloroethane	14.057	117	26288	21.649	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	61732	21.559	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3570	22.693	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	34911	20.891	ug/l	98
94) Hexachlorobutadiene	15.204	225	18994	20.995	ug/l	97
95) Naphthalene	15.334	128	58980	20.300	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30697	21.233	ug/l	99

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

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