

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078680.D
 Acq On : 15 Mar 2024 11:23
 Operator : RP/MD
 Sample : VD0315SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:23:32 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 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	120490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	207720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54631	48.381	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.810	113	60372	45.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.280%		
50) Toluene-d8	10.269	98	224615	45.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.575	95	65427	45.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22256	19.846	ug/l	88
3) Chloromethane	2.152	50	36699	20.726	ug/l	99
4) Vinyl Chloride	2.287	62	53042	20.307	ug/l	96
5) Bromomethane	2.687	94	52258	20.896	ug/l	96
6) Chloroethane	2.834	64	44148	21.673	ug/l	97
7) Trichlorofluoromethane	3.175	101	42002	20.326	ug/l	99
8) Diethyl Ether	3.593	74	12617	20.912	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	26591	20.504	ug/l	96
10) Methyl Iodide	4.164	142	28179	18.369	ug/l	97
11) Tert butyl alcohol	5.046	59	6418	127.003	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	25172	20.418	ug/l	86
13) Acrolein	3.799	56	9351	118.126	ug/l	95
14) Allyl chloride	4.569	41	26931	19.578	ug/l	98
15) Acrylonitrile	5.246	53	25740	105.833	ug/l	94
16) Acetone	4.028	43	25484	116.709	ug/l	99
17) Carbon Disulfide	4.275	76	83348	20.623	ug/l	95
18) Methyl Acetate	4.558	43	9439	20.143	ug/l #	64
19) Methyl tert-butyl Ether	5.316	73	52823	21.247	ug/l	91
20) Methylene Chloride	4.799	84	34786	20.492	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	29398	20.209	ug/l	91
22) Diisopropyl ether	6.216	45	68068	21.764	ug/l	93
23) Vinyl Acetate	6.158	43	198014	108.239	ug/l	100
24) 1,1-Dichloroethane	6.105	63	49488	21.105	ug/l	99
25) 2-Butanone	7.087	43	33711	116.123	ug/l	97
26) 2,2-Dichloropropane	7.069	77	41049	20.692	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	33135	19.971	ug/l	95
28) Bromochloromethane	7.422	49	18030	21.568	ug/l	94
29) Tetrahydrofuran	7.446	42	17171	108.747	ug/l	97
30) Chloroform	7.593	83	54370	20.796	ug/l	97
31) Cyclohexane	7.875	56	37158	19.578	ug/l #	92
32) 1,1,1-Trichloroethane	7.787	97	43416	19.573	ug/l	97
36) 1,1-Dichloropropene	8.010	75	39651	20.434	ug/l	98
37) Ethyl Acetate	7.169	43	12529	19.764	ug/l	95
38) Carbon Tetrachloride	7.987	117	41425	20.250	ug/l	97
39) Methylcyclohexane	9.269	83	43158	19.173	ug/l	98
40) Benzene	8.252	78	116471	19.856	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	7020m	21.131	ug/l	
42) 1,2-Dichloroethane	8.328	62	29897	20.900	ug/l	98
43) Isopropyl Acetate	8.357	43	24262	21.045	ug/l #	81
44) Trichloroethene	9.028	130	32393	20.349	ug/l	93
45) 1,2-Dichloropropane	9.304	63	28654	20.592	ug/l	96
46) Dibromomethane	9.393	93	17205	20.626	ug/l	98
47) Bromodichloromethane	9.587	83	41296	20.797	ug/l	95
48) Methyl methacrylate	9.381	41	10909	19.420	ug/l	97
49) 1,4-Dioxane	9.387	88	3315	429.230	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	66957	111.093	ug/l	98
52) Toluene	10.334	92	75209	19.915	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	36001	19.829	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	42066	19.274	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	24034	21.517	ug/l	92
56) Ethyl methacrylate	10.599	69	22299	19.914	ug/l	96
57) 1,3-Dichloropropane	10.875	76	36358	20.172	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	51880	105.073	ug/l	97
59) 2-Hexanone	10.922	43	48820	109.267	ug/l	99
60) Dibromochloromethane	11.069	129	29045	21.085	ug/l	96
61) 1,2-Dibromoethane	11.181	107	22095	20.440	ug/l	97
64) Tetrachloroethene	10.810	164	25740	19.761	ug/l	97
65) Chlorobenzene	11.610	112	81777	19.882	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	29347	19.482	ug/l	99
67) Ethyl Benzene	11.681	91	132144	18.853	ug/l	99
68) m/p-Xylenes	11.793	106	111846	39.297	ug/l	97
69) o-Xylene	12.122	106	49696	18.872	ug/l	99
70) Styrene	12.134	104	85317	19.303	ug/l	98
71) Bromoform	12.298	173	17334	21.293	ug/l #	93
73) Isopropylbenzene	12.422	105	127382	18.968	ug/l	98
74) N-amyl acetate	12.234	43	22865	20.970	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27034	21.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17122m	21.788	ug/l	
77) Bromobenzene	12.704	156	33222	19.948	ug/l	98
78) n-propylbenzene	12.763	91	157183	19.228	ug/l	99
79) 2-Chlorotoluene	12.851	91	84888	18.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	108962	19.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8038	21.441	ug/l	95
82) 4-Chlorotoluene	12.945	91	92990	19.605	ug/l	98
83) tert-Butylbenzene	13.169	119	86872	18.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110312	19.711	ug/l	98
85) sec-Butylbenzene	13.345	105	142138	19.615	ug/l	97
86) p-Isopropyltoluene	13.463	119	118119	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	67896	19.318	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	68236	19.700	ug/l	98
89) n-Butylbenzene	13.787	91	110821	19.780	ug/l	99
90) Hexachloroethane	14.057	117	25038	19.506	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	60089	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3409	20.498	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	34104	19.305	ug/l	95
94) Hexachlorobutadiene	15.204	225	17138	17.920	ug/l	98
95) Naphthalene	15.334	128	58577	19.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30700	20.088	ug/l	99

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

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