

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079640.D
 Acq On : 07 Aug 2024 14:52
 Operator : RP/MD
 Sample : VD0807SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

Quant Time: Aug 08 01:50:15 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	7.875	168	193692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	354545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104976	53.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.700%			
35) Dibromofluoromethane	7.805	113	108843	45.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.720%			
50) Toluene-d8	10.269	98	433476	46.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.040%			
62) 4-Bromofluorobenzene	12.569	95	124079	46.011	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29309	19.312	ug/l	92
3) Chloromethane	2.146	50	57820	20.677	ug/l	97
4) Vinyl Chloride	2.281	62	68636	20.644	ug/l	98
5) Bromomethane	2.681	94	51220	22.984	ug/l	98
6) Chloroethane	2.828	64	49087	22.976	ug/l	93
7) Trichlorofluoromethane	3.169	101	69834	21.120	ug/l	97
8) Diethyl Ether	3.587	74	23454	23.482	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.969	101	42928	20.527	ug/l	98
10) Methyl Iodide	4.158	142	45320	19.356	ug/l	97
11) Tert butyl alcohol	5.052	59	13643	154.425	ug/l	99
12) 1,1-Dichloroethene	3.940	96	42364	20.243	ug/l	90
13) Acrolein	3.805	56	15318	103.028	ug/l	100
14) Allyl chloride	4.558	41	63346	22.922	ug/l #	85
15) Acrylonitrile	5.252	53	57659	123.538	ug/l	99
16) Acetone	4.028	43	39564	103.459	ug/l	92
17) Carbon Disulfide	4.269	76	115027	16.651	ug/l	100
18) Methyl Acetate	4.558	43	29485	24.834	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	100050	23.421	ug/l	98
20) Methylene Chloride	4.799	84	73095	16.035	ug/l #	82
21) trans-1,2-Dichloroethene	5.305	96	48335	20.559	ug/l	96
22) Diisopropyl ether	6.216	45	150340	24.450	ug/l #	91
23) Vinyl Acetate	6.152	43	555365	120.152	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	95596	23.200	ug/l	94
25) 2-Butanone	7.087	43	63080	116.351	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	70864	21.261	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	58937	21.932	ug/l	84
28) Bromochloromethane	7.428	49	40882	22.625	ug/l #	68
29) Tetrahydrofuran	7.446	42	41946	124.844	ug/l #	80
30) Chloroform	7.599	83	95365	22.854	ug/l	99
31) Cyclohexane	7.881	56	65326	19.990	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	78328	22.748	ug/l	99
36) 1,1-Dichloropropene	8.004	75	62143	18.973	ug/l	95
37) Ethyl Acetate	7.169	43	31377	23.365	ug/l #	93
38) Carbon Tetrachloride	7.993	117	65635	19.062	ug/l	95
39) Methylcyclohexane	9.269	83	66301	16.965	ug/l	90
40) Benzene	8.252	78	206566	19.856	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13755	18.621	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	53410	21.545	ug/l	97
43) Isopropyl Acetate	8.357	43	55122	21.840	ug/l #	94
44) Trichloroethene	9.028	130	48926	18.893	ug/l	86
45) 1,2-Dichloropropane	9.304	63	54945	21.703	ug/l	98
46) Dibromomethane	9.393	93	28780	20.506	ug/l	91
47) Bromodichloromethane	9.581	83	71616	20.781	ug/l	98
48) Methyl methacrylate	9.381	41	23886	21.147	ug/l	86
49) 1,4-Dioxane	9.387	88	6133	421.717	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	148385	115.155	ug/l	92
52) Toluene	10.334	92	128320	19.944	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	64492	20.265	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	79635	20.803	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	38706	20.935	ug/l	94
56) Ethyl methacrylate	10.598	69	46099	21.044	ug/l #	85
57) 1,3-Dichloropropane	10.875	76	68302	21.741	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	97670	96.678	ug/l	91
59) 2-Hexanone	10.922	43	99831	111.086	ug/l	92
60) Dibromochloromethane	11.069	129	48282	19.991	ug/l	97
61) 1,2-Dibromoethane	11.181	107	34481	19.908	ug/l	98
64) Tetrachloroethene	10.804	164	40050	18.349	ug/l	96
65) Chlorobenzene	11.604	112	144984	20.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	49348	20.925	ug/l	97
67) Ethyl Benzene	11.681	91	236686	20.170	ug/l	98
68) m/p-Xylenes	11.793	106	182427	39.186	ug/l	90
69) o-Xylene	12.122	106	86222	20.206	ug/l	93
70) Styrene	12.134	104	154518	20.654	ug/l	97
71) Bromoform	12.298	173	27271	20.455	ug/l #	98
73) Isopropylbenzene	12.416	105	219860	20.700	ug/l	99
74) N-amyl acetate	12.234	43	54757	23.346	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	46362	22.379	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	33788m	24.240	ug/l	
77) Bromobenzene	12.698	156	52648	19.690	ug/l	83
78) n-propylbenzene	12.763	91	277436	20.813	ug/l	97
79) 2-Chlorotoluene	12.845	91	153008	20.615	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	184913	20.816	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	15621	21.374	ug/l	92
82) 4-Chlorotoluene	12.945	91	162956	21.060	ug/l	97
83) tert-Butylbenzene	13.163	119	153742	20.199	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	186978	20.854	ug/l	98
85) sec-Butylbenzene	13.339	105	238313	20.170	ug/l	98
86) p-Isopropyltoluene	13.457	119	199125	20.312	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	110597	19.968	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	111554	20.486	ug/l	97
89) n-Butylbenzene	13.787	91	187477	20.568	ug/l	98
90) Hexachloroethane	14.051	117	40884	19.784	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	94611	19.987	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6481	23.512	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	54826	18.383	ug/l	99
94) Hexachlorobutadiene	15.198	225	28676	17.815	ug/l	97
95) Naphthalene	15.328	128	107105	20.748	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	48404	18.450	ug/l	99

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

