

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080035.D
 Acq On : 15 Nov 2024 19:55
 Operator : RP/MD
 Sample : VD1115SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBSD01

Quant Time: Nov 15 22:27:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	284097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	269098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99911	56.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.300%			
35) Dibromofluoromethane	7.804	113	102127	54.014	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.269	98	388709	54.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.100%			
62) 4-Bromofluorobenzene	12.569	95	135672	58.028	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24183	17.434	ug/l	98
3) Chloromethane	2.146	50	18415	18.053	ug/l	98
4) Vinyl Chloride	2.281	62	22147	19.018	ug/l	98
5) Bromomethane	2.687	94	26982	21.095	ug/l	99
6) Chloroethane	2.834	64	17562	21.098	ug/l	89
7) Trichlorofluoromethane	3.169	101	61194	21.394	ug/l	99
8) Diethyl Ether	3.598	74	17930	21.474	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	35280	19.745	ug/l	96
10) Methyl Iodide	4.163	142	40106	18.134	ug/l	98
11) Tert butyl alcohol	5.057	59	11312	122.156	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	36434	20.344	ug/l	91
13) Acrolein	3.804	56	16591	93.372	ug/l	99
14) Allyl chloride	4.557	41	51419	20.255	ug/l	97
15) Acrylonitrile	5.251	53	40633	109.542	ug/l	99
16) Acetone	4.028	43	40615	105.195	ug/l	96
17) Carbon Disulfide	4.269	76	121605	21.088	ug/l	97
18) Methyl Acetate	4.569	43	20195	23.585	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	78009	21.352	ug/l	96
20) Methylene Chloride	4.798	84	47799	23.085	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	42228	21.330	ug/l	88
22) Diisopropyl ether	6.216	45	109770	21.354	ug/l	96
23) Vinyl Acetate	6.157	43	309161	104.973	ug/l	98
24) 1,1-Dichloroethane	6.110	63	72667	21.254	ug/l	97
25) 2-Butanone	7.087	43	53136	105.317	ug/l	95
26) 2,2-Dichloropropane	7.075	77	60252	20.274	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	46734	20.570	ug/l	96
28) Bromochloromethane	7.428	49	31808	20.906	ug/l #	90
29) Tetrahydrofuran	7.445	42	30490	110.324	ug/l	95
30) Chloroform	7.598	83	81263	22.561	ug/l	92
31) Cyclohexane	7.875	56	52546	18.134	ug/l #	94
32) 1,1,1-Trichloroethane	7.792	97	65145	21.134	ug/l	99
36) 1,1-Dichloropropene	8.010	75	51043	19.743	ug/l	98
37) Ethyl Acetate	7.175	43	23437	21.090	ug/l #	94
38) Carbon Tetrachloride	7.992	117	57509	20.359	ug/l	93
39) Methylcyclohexane	9.269	83	53020	17.225	ug/l	96
40) Benzene	8.251	78	171268	21.252	ug/l	99

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41) Methacrylonitrile	7.410	41	11939	19.908	ug/l	93
42) 1,2-Dichloroethane	8.328	62	46763	22.422	ug/l	98
43) Isopropyl Acetate	8.357	43	44738	22.208	ug/l	99
44) Trichloroethene	9.022	130	43092	20.664	ug/l	90
45) 1,2-Dichloropropane	9.304	63	42446	21.917	ug/l	98
46) Dibromomethane	9.392	93	24604	21.842	ug/l	97
47) Bromodichloromethane	9.581	83	61581	21.841	ug/l	97
48) Methyl methacrylate	9.381	41	19733	20.519	ug/l	97
49) 1,4-Dioxane	9.392	88	4926	476.705	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	114353	111.887	ug/l	99
52) Toluene	10.333	92	107858	21.537	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	53378	21.237	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	63089	21.202	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	33572	22.527	ug/l	98
56) Ethyl methacrylate	10.598	69	35819	20.670	ug/l	100
57) 1,3-Dichloropropane	10.875	76	52531	21.668	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	65633	100.138	ug/l	97
59) 2-Hexanone	10.922	43	79861	106.232	ug/l	100
60) Dibromochloromethane	11.075	129	43357	22.603	ug/l	97
61) 1,2-Dibromoethane	11.180	107	31233	22.228	ug/l	96
64) Tetrachloroethene	10.810	164	40158	20.955	ug/l	96
65) Chlorobenzene	11.604	112	120479	20.524	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.680	131	44814	21.932	ug/l	95
67) Ethyl Benzene	11.680	91	190676	19.359	ug/l	97
68) m/p-Xylenes	11.792	106	154298	40.085	ug/l	98
69) o-Xylene	12.122	106	71279	20.600	ug/l	95
70) Styrene	12.133	104	132998	21.535	ug/l	98
71) Bromoform	12.298	173	28252	23.450	ug/l #	96
73) Isopropylbenzene	12.422	105	183570	19.406	ug/l	98
74) N-amyl acetate	12.233	43	37689	18.083	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	40604	22.335	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	26243m	20.261	ug/l	
77) Bromobenzene	12.698	156	51657	21.014	ug/l	95
78) n-propylbenzene	12.763	91	224586	19.211	ug/l	99
79) 2-Chlorotoluene	12.845	91	136383	19.894	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	158413	19.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	13615	21.514	ug/l	91
82) 4-Chlorotoluene	12.945	91	146240	19.954	ug/l	98
83) tert-Butylbenzene	13.163	119	126190	18.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	158122	19.661	ug/l	99
85) sec-Butylbenzene	13.345	105	193034	18.835	ug/l	98
86) p-Isopropyltoluene	13.457	119	165336	19.085	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	101091	20.308	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	100290	20.060	ug/l	99
89) n-Butylbenzene	13.786	91	147292	18.073	ug/l	98
90) Hexachloroethane	14.051	117	36545	19.679	ug/l	96
91) 1,2-Dichlorobenzene	13.827	146	90265	20.795	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6031	21.939	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	52096	19.140	ug/l	98
94) Hexachlorobutadiene	15.204	225	27229	18.509	ug/l	97
95) Naphthalene	15.333	128	91646	19.823	ug/l	98
96) 1,2,3-Trichlorobenzene	15.515	180	46830	19.591	ug/l	100

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

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