

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080028.D
 Acq On : 15 Nov 2024 16:46
 Operator : RP/MD
 Sample : VD1115SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1115SBS01

Quant Time: Nov 15 18:34:02 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	189271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	307357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104504	53.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.260%
35) Dibromofluoromethane	7.804	113	106378	52.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.000%
50) Toluene-d8	10.269	98	404260	52.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.569	95	131682	52.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30728	20.229	ug/l	99
3) Chloromethane	2.146	50	23649	21.170	ug/l	95
4) Vinyl Chloride	2.281	62	24526	19.231	ug/l	90
5) Bromomethane	2.681	94	26773	19.006	ug/l	99
6) Chloroethane	2.834	64	17189	18.856	ug/l	96
7) Trichlorofluoromethane	3.175	101	66803	21.327	ug/l	96
8) Diethyl Ether	3.587	74	22519	24.627	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	44013	22.493	ug/l	99
10) Methyl Iodide	4.163	142	47633	19.667	ug/l	99
11) Tert butyl alcohol	5.063	59	14393	141.926	ug/l	98
12) 1,1-Dichloroethene	3.934	96	43189	22.022	ug/l	85
13) Acrolein	3.793	56	20019	102.878	ug/l	98
14) Allyl chloride	4.558	41	62202	22.375	ug/l	97
15) Acrylonitrile	5.252	53	50381	124.024	ug/l	97
16) Acetone	4.022	43	50756	120.042	ug/l	95
17) Carbon Disulfide	4.269	76	142517	22.567	ug/l	97
18) Methyl Acetate	4.563	43	23210	24.751	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	92286	23.065	ug/l	97
20) Methylene Chloride	4.805	84	53428	23.562	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	49498	22.830	ug/l	93
22) Diisopropyl ether	6.216	45	134562	23.903	ug/l	96
23) Vinyl Acetate	6.157	43	383423	118.879	ug/l	100
24) 1,1-Dichloroethane	6.110	63	87117	23.267	ug/l	99
25) 2-Butanone	7.081	43	63892	115.635	ug/l	95
26) 2,2-Dichloropropane	7.075	77	70394	21.629	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	54608	21.948	ug/l	96
28) Bromochloromethane	7.428	49	36268	21.766	ug/l	95
29) Tetrahydrofuran	7.440	42	35719	118.017	ug/l	96
30) Chloroform	7.593	83	89505	22.691	ug/l	97
31) Cyclohexane	7.875	56	66380	20.918	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	73919	21.897	ug/l	97
36) 1,1-Dichloropropene	8.010	75	61166	21.868	ug/l	99
37) Ethyl Acetate	7.169	43	29641	24.654	ug/l	97
38) Carbon Tetrachloride	7.993	117	65310	21.371	ug/l	98
39) Methylcyclohexane	9.269	83	68145	20.463	ug/l	97
40) Benzene	8.251	78	193907	22.241	ug/l	98

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41) Methacrylonitrile	7.393	41	12404	19.118	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	53107	23.537	ug/l	100
43) Isopropyl Acetate	8.357	43	49522	22.723	ug/l	97
44) Trichloroethene	9.028	130	48903	21.676	ug/l	90
45) 1,2-Dichloropropane	9.304	63	48467	23.132	ug/l	94
46) Dibromomethane	9.393	93	27569	22.622	ug/l	98
47) Bromodichloromethane	9.587	83	67986	22.288	ug/l #	96
48) Methyl methacrylate	9.381	41	23773	22.849	ug/l	98
49) 1,4-Dioxane	9.387	88	5261	470.595	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	135135	122.215	ug/l	99
52) Toluene	10.334	92	122446	22.600	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	60275	22.166	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	72635	22.562	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	37874	23.491	ug/l	98
56) Ethyl methacrylate	10.598	69	45004	24.004	ug/l	96
57) 1,3-Dichloropropane	10.881	76	61448	23.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	73757	104.017	ug/l	96
59) 2-Hexanone	10.922	43	96144	118.213	ug/l	100
60) Dibromochloromethane	11.075	129	47687	22.979	ug/l	98
61) 1,2-Dibromoethane	11.181	107	35678	23.470	ug/l	99
64) Tetrachloroethene	10.810	164	43298	21.290	ug/l	97
65) Chlorobenzene	11.604	112	136044	21.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	47667	21.982	ug/l	97
67) Ethyl Benzene	11.681	91	221460	21.187	ug/l	99
68) m/p-Xylenes	11.792	106	177939	43.560	ug/l	97
69) o-Xylene	12.122	106	80519	21.928	ug/l	93
70) Styrene	12.134	104	145340	22.176	ug/l	98
71) Bromoform	12.292	173	28087	21.968	ug/l #	100
73) Isopropylbenzene	12.422	105	203648	21.117	ug/l	98
74) N-amyl acetate	12.228	43	49313	23.207	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	41513	22.399	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	26420m	20.008	ug/l	
77) Bromobenzene	12.698	156	55812	22.269	ug/l	97
78) n-propylbenzene	12.763	91	259119	21.741	ug/l	98
79) 2-Chlorotoluene	12.845	91	150551	21.541	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	180782	22.150	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	14972	23.205	ug/l	98
82) 4-Chlorotoluene	12.945	91	164322	21.993	ug/l	98
83) tert-Butylbenzene	13.163	119	147326	20.842	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	180616	22.029	ug/l	100
85) sec-Butylbenzene	13.345	105	223898	21.428	ug/l	99
86) p-Isopropyltoluene	13.457	119	191118	21.639	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	111364	21.943	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	110608	21.701	ug/l	98
89) n-Butylbenzene	13.786	91	174372	20.986	ug/l	98
90) Hexachloroethane	14.051	117	41248	21.786	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	99012	22.374	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6100	21.766	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	62132	22.390	ug/l	96
94) Hexachlorobutadiene	15.198	225	34510	23.010	ug/l	97
95) Naphthalene	15.328	128	101529	21.540	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	52636	21.599	ug/l	99

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

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