

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080012.D
 Acq On : 14 Nov 2024 18:29
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 15 05:54:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 05:52:29 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	188864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	18620	9.618	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	19.240%#	
35) Dibromofluoromethane	7.805	113	18920	9.390	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	18.780%#	
50) Toluene-d8	10.269	98	68700	9.012	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	18.020%#	
62) 4-Bromofluorobenzene	12.569	95	22972	8.984	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	17.960%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14855	9.461	ug/l	92
3) Chloromethane	2.152	50	12638	10.958	ug/l	90
4) Vinyl Chloride	2.287	62	15614	11.550	ug/l	92
5) Bromomethane	2.693	94	20874	12.745	ug/l	100
6) Chloroethane	2.834	64	11346	12.370	ug/l	96
7) Trichlorofluoromethane	3.175	101	33472	10.342	ug/l #	83
8) Diethyl Ether	3.593	74	8481	9.482	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	20804	10.185	ug/l	98
10) Methyl Iodide	4.169	142	8521	7.800	ug/l	96
11) Tert butyl alcohol	5.063	59	5303	53.202	ug/l	97
12) 1,1-Dichloroethene	3.946	96	18753	9.568	ug/l	85
13) Acrolein	3.793	56	8307	45.539	ug/l	98
14) Allyl chloride	4.558	41	24380	9.174	ug/l	98
15) Acrylonitrile	5.252	53	17652	46.140	ug/l	94
16) Acetone	4.028	43	20494	54.347	ug/l	98
17) Carbon Disulfide	4.275	76	66891	10.358	ug/l	97
18) Methyl Acetate	4.569	43	8501	9.415	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	33581	8.547	ug/l	94
20) Methylene Chloride	4.799	84	24973	10.355	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	20643	9.400	ug/l	94
22) Diisopropyl ether	6.216	45	49275	8.816	ug/l #	98
23) Vinyl Acetate	6.158	43	136208	43.344	ug/l	94
24) 1,1-Dichloroethane	6.110	63	36813	9.804	ug/l	97
25) 2-Butanone	7.087	43	24162	41.625	ug/l	94
26) 2,2-Dichloropropane	7.075	77	32630	9.716	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	22375	8.870	ug/l	94
28) Bromochloromethane	7.428	49	16935	10.055	ug/l	94
29) Tetrahydrofuran	7.452	42	12870	42.457	ug/l	97
30) Chloroform	7.605	83	41191	9.885	ug/l	89
31) Cyclohexane	7.881	56	30155	9.490	ug/l #	89
32) 1,1,1-Trichloroethane	7.793	97	33186	9.541	ug/l	95
36) 1,1-Dichloropropene	8.010	75	27533	9.364	ug/l	98
37) Ethyl Acetate	7.169	43	11588	9.489	ug/l #	67
38) Carbon Tetrachloride	7.993	117	32176	9.965	ug/l	95
39) Methylcyclohexane	9.269	83	30045	8.761	ug/l	92
40) Benzene	8.252	78	83153	9.154	ug/l	99

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41) Methacrylonitrile	7.405	41	5071	7.479	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	22285	9.365	ug/l	99
43) Isopropyl Acetate	8.363	43	20332	9.162	ug/l	98
44) Trichloroethene	9.028	130	21961	9.375	ug/l	84
45) 1,2-Dichloropropane	9.310	63	19790	9.155	ug/l	91
46) Dibromomethane	9.393	93	11930	9.390	ug/l	97
47) Bromodichloromethane	9.587	83	29718	9.332	ug/l	95
48) Methyl methacrylate	9.381	41	7220	7.280	ug/l #	83
49) 1,4-Dioxane	9.387	88	1995	164.817	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	47814	42.756	ug/l	98
52) Toluene	10.334	92	50256	8.885	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	25038	9.068	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	29430	8.894	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	17004	10.024	ug/l	96
56) Ethyl methacrylate	10.593	69	15381	7.975	ug/l	97
57) 1,3-Dichloropropane	10.881	76	25036	9.130	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	29386	42.668	ug/l	99
59) 2-Hexanone	10.922	43	33905	39.508	ug/l	93
60) Dibromochloromethane	11.075	129	20772	9.246	ug/l	96
61) 1,2-Dibromoethane	11.181	107	14496	9.104	ug/l	96
64) Tetrachloroethene	10.810	164	19899	9.530	ug/l	95
65) Chlorobenzene	11.604	112	58988	9.307	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	21586	9.580	ug/l	96
67) Ethyl Benzene	11.681	91	89875	8.567	ug/l	96
68) m/p-Xylenes	11.793	106	71270	17.228	ug/l	99
69) o-Xylene	12.122	106	32570	8.670	ug/l	99
70) Styrene	12.134	104	57105	8.550	ug/l	98
71) Bromoform	12.293	173	12167	9.563	ug/l #	98
73) Isopropylbenzene	12.422	105	84410	8.403	ug/l	100
74) N-amyl acetate	12.228	43	17671	8.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	18080	9.309	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	11661m	8.943	ug/l	
77) Bromobenzene	12.698	156	22830	8.631	ug/l	96
78) n-propylbenzene	12.763	91	104775	8.429	ug/l	99
79) 2-Chlorotoluene	12.845	91	64878	8.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	71192	8.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	5933	8.800	ug/l	99
82) 4-Chlorotoluene	12.945	91	69585	8.869	ug/l	98
83) tert-Butylbenzene	13.163	119	60076	8.194	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	71231	8.246	ug/l	98
85) sec-Butylbenzene	13.345	105	94287	8.585	ug/l	100
86) p-Isopropyltoluene	13.463	119	77523	8.320	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	49592	9.061	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	50618	9.186	ug/l	99
89) n-Butylbenzene	13.787	91	72813	8.406	ug/l	97
90) Hexachloroethane	14.051	117	18383	9.048	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	42705	8.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2968	10.009	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	26082	8.893	ug/l	99
94) Hexachlorobutadiene	15.204	225	14524	9.024	ug/l	95
95) Naphthalene	15.334	128	39697	8.039	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	21297	8.349	ug/l	97

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

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