

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019455.D
 Acq On : 09 Sep 2024 10:15
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

Quant Time: Sep 09 15:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 15:39:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	726111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1211414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1017756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	480192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67084	9.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.960%#
35) Dibromofluoromethane	7.634	113	70610	10.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.560%#
50) Toluene-d8	10.109	98	260015	10.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.460%#
62) 4-Bromofluorobenzene	12.407	95	100287	10.266	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.540%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	53811	10.308	ug/l	99
3) Chloromethane	2.074	50	65972	10.982	ug/l	99
4) Vinyl Chloride	2.208	62	67693	10.421	ug/l	99
5) Bromomethane	2.598	94	40315	10.103	ug/l	96
6) Chloroethane	2.738	64	43953	10.385	ug/l	100
7) Trichlorofluoromethane	3.062	101	112608	10.399	ug/l	98
8) Diethyl Ether	3.452	74	37388	10.286	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.811	101	69684	10.403	ug/l	98
10) Methyl Iodide	4.000	142	88342	10.286	ug/l	97
11) Tert butyl alcohol	4.854	59	29300	53.961	ug/l #	76
12) 1,1-Dichloroethene	3.787	96	65188	10.119	ug/l	92
13) Acrolein	3.653	56	19459	62.432	ug/l	98
14) Allyl chloride	4.385	41	115748	10.019	ug/l #	91
15) Acrylonitrile	5.061	53	83030	52.977	ug/l	99
16) Acetone	3.866	43	82373	51.425	ug/l	88
17) Carbon Disulfide	4.104	76	168352	9.672	ug/l	99
18) Methyl Acetate	4.385	43	45642	10.500	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	189298	10.375	ug/l	100
20) Methylene Chloride	4.616	84	76065	10.413	ug/l #	90
21) trans-1,2-Dichloroethene	5.110	96	70835	10.032	ug/l	96
22) Diisopropyl ether	6.018	45	245628	10.354	ug/l	94
23) Vinyl Acetate	5.957	43	710160	52.407	ug/l	94
24) 1,1-Dichloroethane	5.915	63	137281	10.312	ug/l	99
25) 2-Butanone	6.890	43	120690	52.977	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	123039	10.246	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	85899	10.015	ug/l	90
28) Bromochloromethane	7.244	49	54147	9.667	ug/l	87
29) Tetrahydrofuran	7.262	42	74356	53.680	ug/l #	86
30) Chloroform	7.414	83	138283	10.175	ug/l	97
31) Cyclohexane	7.701	56	126835	10.541	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	126070	10.350	ug/l	98
36) 1,1-Dichloropropene	7.835	75	96451	10.320	ug/l	99
37) Ethyl Acetate	6.982	43	50850	10.619	ug/l #	96
38) Carbon Tetrachloride	7.817	117	109330	10.373	ug/l	99
39) Methylcyclohexane	9.109	83	129027	10.374	ug/l	91
40) Benzene	8.079	78	299333	10.398	ug/l	99

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41) Methacrylonitrile	7.213	41	27509	9.897	ug/l	91
42) 1,2-Dichloroethane	8.158	62	81404	10.509	ug/l	98
43) Isopropyl Acetate	8.195	43	105512	10.488	ug/l	90
44) Trichloroethene	8.865	130	74932	10.121	ug/l	96
45) 1,2-Dichloropropane	9.140	63	72907	10.360	ug/l	99
46) Dibromomethane	9.231	93	40670	10.568	ug/l	96
47) Bromodichloromethane	9.426	83	107840	10.424	ug/l	96
48) Methyl methacrylate	9.219	41	50051	10.535	ug/l	86
49) 1,4-Dioxane	9.231	88	10115	223.264	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	272451	53.829	ug/l	92
52) Toluene	10.170	92	192158	10.379	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	102769	10.421	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	118970	10.361	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	54984	10.346	ug/l	99
56) Ethyl methacrylate	10.438	69	84283	10.440	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	96334	10.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	191347	51.066	ug/l	99
59) 2-Hexanone	10.761	43	200666	54.078	ug/l	89
60) Dibromochloromethane	10.914	129	73287	10.424	ug/l	100
61) 1,2-Dibromoethane	11.017	107	52418	10.586	ug/l	99
64) Tetrachloroethene	10.646	164	65012	10.315	ug/l	97
65) Chlorobenzene	11.444	112	208930	10.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	72224	10.420	ug/l	98
67) Ethyl Benzene	11.517	91	377729	10.619	ug/l	99
68) m/p-Xylenes	11.627	106	279962	20.814	ug/l	93
69) o-Xylene	11.956	106	136920	10.409	ug/l	95
70) Styrene	11.969	104	232585	10.472	ug/l	96
71) Bromoform	12.133	173	42109	10.636	ug/l #	98
73) Isopropylbenzene	12.255	105	367076	10.537	ug/l	99
74) N-amyl acetate	12.072	43	99558	10.508	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	65734	10.631	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	50978m	6.283	ug/l	
77) Bromobenzene	12.535	156	79317	10.266	ug/l	91
78) n-propylbenzene	12.596	91	429133	10.393	ug/l	100
79) 2-Chlorotoluene	12.682	91	250098	10.393	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	294430	10.396	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	24887	10.615	ug/l	96
82) 4-Chlorotoluene	12.779	91	258459	10.448	ug/l	96
83) tert-Butylbenzene	12.999	119	267290	10.425	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	294687	10.512	ug/l	97
85) sec-Butylbenzene	13.176	105	387215	10.396	ug/l	99
86) p-Isopropyltoluene	13.291	119	316287	10.379	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	155736	10.373	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	153248	10.286	ug/l	95
89) n-Butylbenzene	13.621	91	303046	10.403	ug/l	99
90) Hexachloroethane	13.883	117	64797	10.219	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	139073	10.381	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11120	10.791	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	80337	9.859	ug/l	98
94) Hexachlorobutadiene	15.023	225	44697	10.268	ug/l	99
95) Naphthalene	15.145	128	161707	9.910	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	69042	9.906	ug/l	98

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

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