

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019817.D
 Acq On : 08 Oct 2024 11:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 09 02:04:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	240531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	416015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	167205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136363	61.224	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	122.440%	
35) Dibromofluoromethane	7.634	113	132195	56.045	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	112.100%	
50) Toluene-d8	10.109	98	472438	54.151	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	108.300%	
62) 4-Bromofluorobenzene	12.402	95	173202	51.631	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	103.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	54504	40.697	ug/l	96
3) Chloromethane	2.074	50	94545	47.509	ug/l	99
4) Vinyl Chloride	2.208	62	113430	52.712	ug/l	95
5) Bromomethane	2.598	94	78207	59.167	ug/l	98
6) Chloroethane	2.739	64	83535	59.382	ug/l	98
7) Trichlorofluoromethane	3.062	101	192307	53.611	ug/l	95
8) Diethyl Ether	3.458	74	61779	51.308	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	118606	53.450	ug/l	94
10) Methyl Iodide	4.007	142	117535	41.313	ug/l	91
11) Tert butyl alcohol	4.878	59	46569	258.905	ug/l	# 79
12) 1,1-Dichloroethene	3.793	96	105709	49.535	ug/l	# 80
13) Acrolein	3.659	56	7447	76.030	ug/l	98
14) Allyl chloride	4.385	41	200115	52.291	ug/l	# 91
15) Acrylonitrile	5.061	53	141976	273.461	ug/l	98
16) Acetone	3.873	43	165014	310.987	ug/l	# 81
17) Carbon Disulfide	4.110	76	254578	44.153	ug/l	96
18) Methyl Acetate	4.385	43	77995	54.164	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	325590	53.869	ug/l	100
20) Methylene Chloride	4.616	84	124882	51.607	ug/l	# 84
21) trans-1,2-Dichloroethene	5.116	96	119601	51.131	ug/l	# 85
22) Diisopropyl ether	6.019	45	454391	57.820	ug/l	92
23) Vinyl Acetate	5.964	43	1249285	278.310	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	251452	57.020	ug/l	95
25) 2-Butanone	6.896	43	214271	283.928	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	227614	57.220	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	154607	54.413	ug/l	85
28) Bromochloromethane	7.244	49	117946	63.567	ug/l	# 79
29) Tetrahydrofuran	7.262	42	123264	268.638	ug/l	# 83
30) Chloroform	7.427	83	262280	58.261	ug/l	96
31) Cyclohexane	7.701	56	198844	49.885	ug/l	85
32) 1,1,1-Trichloroethane	7.622	97	226322	56.089	ug/l	96
36) 1,1-Dichloropropene	7.835	75	175072	54.547	ug/l	95
37) Ethyl Acetate	6.988	43	85483	51.981	ug/l	97
38) Carbon Tetrachloride	7.823	117	196054	54.168	ug/l	97
39) Methylcyclohexane	9.109	83	212052	49.647	ug/l	# 89
40) Benzene	8.085	78	527554	53.366	ug/l	99

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41) Methacrylonitrile	7.220	41	50970	53.171	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	153018	57.524	ug/l	95
43) Isopropyl Acetate	8.201	43	181149	52.432	ug/l #	89
44) Trichloroethene	8.866	130	129441	50.913	ug/l	93
45) 1,2-Dichloropropane	9.140	63	133403	55.199	ug/l	98
46) Dibromomethane	9.231	93	71667	54.227	ug/l	91
47) Bromodichloromethane	9.426	83	196623	55.346	ug/l	98
48) Methyl methacrylate	9.219	41	83135	50.955	ug/l #	83
49) 1,4-Dioxane	9.237	88	16060	1032.244	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	469767	270.267	ug/l	90
52) Toluene	10.170	92	339793	53.445	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	174552	51.542	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	210443	53.366	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	96692	52.979	ug/l	95
56) Ethyl methacrylate	10.438	69	139461	50.303	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	167798	53.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	396184	307.889	ug/l	95
59) 2-Hexanone	10.762	43	339595	266.495	ug/l	87
60) Dibromochloromethane	10.908	129	127687	52.888	ug/l	98
61) 1,2-Dibromoethane	11.012	107	87445	51.422	ug/l	97
64) Tetrachloroethene	10.646	164	109211	50.126	ug/l	91
65) Chlorobenzene	11.444	112	369605	53.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	127792	53.331	ug/l	99
67) Ethyl Benzene	11.518	91	679726	55.275	ug/l	100
68) m/p-Xylenes	11.627	106	496640	106.808	ug/l	92
69) o-Xylene	11.950	106	241843	53.183	ug/l	93
70) Styrene	11.969	104	408661	53.227	ug/l	95
71) Bromoform	12.133	173	69419	50.721	ug/l #	95
73) Isopropylbenzene	12.255	105	664441	54.776	ug/l	98
74) N-ethyl acetate	12.066	43	170435	51.663	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	115335	53.568	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	77925m	49.723	ug/l	
77) Bromobenzene	12.530	156	137896	51.257	ug/l	88
78) n-propylbenzene	12.590	91	798849	55.562	ug/l	98
79) 2-Chlorotoluene	12.676	91	453611	54.137	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	530804	53.827	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	36356	44.534	ug/l #	86
82) 4-Chlorotoluene	12.773	91	461464	53.571	ug/l	95
83) tert-Butylbenzene	12.993	119	481474	53.932	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	529498	54.244	ug/l	95
85) sec-Butylbenzene	13.176	105	727365	56.085	ug/l	98
86) p-Isopropyltoluene	13.292	119	588052	55.420	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	281572	53.862	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	274859	52.979	ug/l	97
89) n-Butylbenzene	13.615	91	579747	57.153	ug/l	99
90) Hexachloroethane	13.877	117	114780	51.988	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	246675	52.879	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17516	48.814	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	144475	50.921	ug/l	96
94) Hexachlorobutadiene	15.023	225	81374	53.687	ug/l	99
95) Naphthalene	15.139	128	267607	47.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	119414	49.205	ug/l	98

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

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