

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019754.D
 Acq On : 01 Oct 2024 20:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 02 03:21:03 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 :Romaben Patel 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	289996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	500818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	209265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169228	63.020	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	126.040%	
35) Dibromofluoromethane	7.634	113	168130	59.210	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	118.420%	
50) Toluene-d8	10.103	98	600751	57.199	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	114.400%	
62) 4-Bromofluorobenzene	12.401	95	226588	56.108	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	112.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	66924	41.529	ug/l	98
3) Chloromethane	2.068	50	117271	48.877	ug/l	94
4) Vinyl Chloride	2.202	62	136005	52.422	ug/l	98
5) Bromomethane	2.598	94	97458	61.155	ug/l	100
6) Chloroethane	2.739	64	99727	58.800	ug/l	98
7) Trichlorofluoromethane	3.062	101	228177	52.760	ug/l	97
8) Diethyl Ether	3.458	74	80203	55.247	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	139622	52.188	ug/l	96
10) Methyl Iodide	4.007	142	159273	46.434	ug/l	93
11) Tert butyl alcohol	4.872	59	67878	313.005	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	130558	50.743	ug/l	86
13) Acrolein	3.659	56	9473	81.055	ug/l	93
14) Allyl chloride	4.385	41	244037	52.891	ug/l #	93
15) Acrylonitrile	5.067	53	183775	293.594	ug/l	97
16) Acetone	3.879	43	166672	260.534	ug/l #	86
17) Carbon Disulfide	4.110	76	322505	46.393	ug/l	100
18) Methyl Acetate	4.391	43	110344	63.559	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	420002	57.637	ug/l	100
20) Methylene Chloride	4.616	84	169468	58.087	ug/l #	85
21) trans-1,2-Dichloroethene	5.116	96	148892	52.796	ug/l	87
22) Diisopropyl ether	6.025	45	546084	57.635	ug/l	95
23) Vinyl Acetate	5.964	43	1520840	281.015	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	303355	57.056	ug/l	96
25) 2-Butanone	6.896	43	256964	282.421	ug/l #	88
26) 2,2-Dichloropropane	6.890	77	252902	52.733	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	191486	55.897	ug/l	87
28) Bromochloromethane	7.244	49	132365	59.170	ug/l	81
29) Tetrahydrofuran	7.262	42	158810	287.070	ug/l	86
30) Chloroform	7.421	83	318365	58.657	ug/l	100
31) Cyclohexane	7.701	56	227796	47.400	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	274429	56.410	ug/l	96
36) 1,1-Dichloropropene	7.835	75	206425	53.425	ug/l	97
37) Ethyl Acetate	6.988	43	111425	56.283	ug/l	97
38) Carbon Tetrachloride	7.817	117	233858	53.672	ug/l	100
39) Methylcyclohexane	9.109	83	253035	49.210	ug/l #	88
40) Benzene	8.079	78	649820	54.603	ug/l	98

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41) Methacrylonitrile	7.226	41	65737	56.963	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	190947	59.628	ug/l	95
43) Isopropyl Acetate	8.195	43	235771	56.686	ug/l #	80
44) Trichloroethene	8.866	130	162727	53.168	ug/l	94
45) 1,2-Dichloropropane	9.140	63	165118	56.753	ug/l	99
46) Dibromomethane	9.231	93	91640	57.598	ug/l	95
47) Bromodichloromethane	9.420	83	247748	57.928	ug/l	99
48) Methyl methacrylate	9.219	41	109500	55.750	ug/l	84
49) 1,4-Dioxane	9.225	88	21832	1165.627	ug/l #	85
51) 4-Methyl-2-Pentanone	9.993	43	605794	289.511	ug/l	91
52) Toluene	10.170	92	421056	55.012	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	223549	54.833	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	260514	54.877	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	125510	57.124	ug/l	98
56) Ethyl methacrylate	10.438	69	187092	56.056	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	216456	57.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	436013	281.466	ug/l	96
59) 2-Hexanone	10.755	43	416074	271.224	ug/l	88
60) Dibromochloromethane	10.908	129	164638	56.646	ug/l	100
61) 1,2-Dibromoethane	11.012	107	113896	55.636	ug/l	100
64) Tetrachloroethene	10.646	164	146409	54.986	ug/l	95
65) Chlorobenzene	11.438	112	465584	55.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	165456	56.500	ug/l	98
67) Ethyl Benzene	11.518	91	826955	55.026	ug/l	99
68) m/p-Xylenes	11.621	106	617875	108.731	ug/l	93
69) o-Xylene	11.950	106	299627	53.915	ug/l	94
70) Styrene	11.963	104	515938	54.987	ug/l	96
71) Bromoform	12.127	173	93893	56.135	ug/l #	97
73) Isopropylbenzene	12.249	105	799093	52.636	ug/l	99
74) N-amyl acetate	12.066	43	218112	52.826	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.499	83	149387	55.438	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91842m	46.824	ug/l	
77) Bromobenzene	12.530	156	173587	51.555	ug/l	87
78) n-propylbenzene	12.590	91	947992	52.683	ug/l	99
79) 2-Chlorotoluene	12.676	91	553561	52.788	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	648122	52.514	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	49780	48.721	ug/l	90
82) 4-Chlorotoluene	12.773	91	572843	53.135	ug/l	96
83) tert-Butylbenzene	12.993	119	590100	52.814	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	644947	52.792	ug/l	97
85) sec-Butylbenzene	13.170	105	854134	52.622	ug/l	100
86) p-Isopropyltoluene	13.285	119	695827	52.397	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	344772	52.696	ug/l	97
88) 1,4-Dichlorobenzene	13.359	146	343012	52.827	ug/l	97
89) n-Butylbenzene	13.615	91	661860	52.133	ug/l	99
90) Hexachloroethane	13.877	117	142142	51.441	ug/l	93
91) 1,2-Dichlorobenzene	13.651	146	309849	53.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	24210	53.908	ug/l	78
93) 1,2,4-Trichlorobenzene	14.913	180	174155	49.045	ug/l	98
94) Hexachlorobutadiene	15.017	225	95170	50.169	ug/l	98
95) Naphthalene	15.139	128	360916	50.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	149684	49.281	ug/l	98

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

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