

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019619.D
 Acq On : 18 Sep 2024 20:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050ECEC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:28:43 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	310261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	554699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	483014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	229408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173932	60.541	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	121.080%	
35) Dibromofluoromethane	7.628	113	172494	54.846	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	109.700%	
50) Toluene-d8	10.109	98	629334	54.100	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	108.200%	
62) 4-Bromofluorobenzene	12.408	95	226161	50.563	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	101.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	76785	44.859	ug/l	97
3) Chloromethane	2.068	50	131981	51.415	ug/l	98
4) Vinyl Chloride	2.202	62	154078	55.509	ug/l	99
5) Bromomethane	2.598	94	111956	65.664	ug/l	95
6) Chloroethane	2.733	64	109403	60.292	ug/l	98
7) Trichlorofluoromethane	3.056	101	252266	54.521	ug/l	94
8) Diethyl Ether	3.452	74	82849	53.342	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.812	101	147514	51.537	ug/l	95
10) Methyl Iodide	4.001	142	170621	46.494	ug/l	92
11) Tert butyl alcohol	4.866	59	72101	310.762	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	140713	51.118	ug/l	90
13) Acrolein	3.653	56	19055	165.771	ug/l	96
14) Allyl chloride	4.379	41	247656	50.169	ug/l	# 92
15) Acrylonitrile	5.055	53	192104	286.854	ug/l	99
16) Acetone	3.873	43	179702	262.554	ug/l	88
17) Carbon Disulfide	4.104	76	368494	49.546	ug/l	97
18) Methyl Acetate	4.385	43	100941	54.345	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	431071	55.292	ug/l	99
20) Methylene Chloride	4.610	84	176406	56.516	ug/l	# 85
21) trans-1,2-Dichloroethene	5.110	96	161304	53.462	ug/l	89
22) Diisopropyl ether	6.012	45	553343	54.586	ug/l	92
23) Vinyl Acetate	5.958	43	1587392	274.154	ug/l	94
24) 1,1-Dichloroethane	5.909	63	315983	55.549	ug/l	96
25) 2-Butanone	6.890	43	273721	281.188	ug/l	# 86
26) 2,2-Dichloropropane	6.878	77	262347	51.130	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	204799	55.879	ug/l	88
28) Bromochloromethane	7.238	49	154124	64.397	ug/l	84
29) Tetrahydrofuran	7.256	42	164401	277.766	ug/l	88
30) Chloroform	7.415	83	331840	57.146	ug/l	100
31) Cyclohexane	7.695	56	246211	47.886	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	287245	55.188	ug/l	97
36) 1,1-Dichloropropene	7.829	75	221013	51.645	ug/l	96
37) Ethyl Acetate	6.982	43	115953	52.881	ug/l	96
38) Carbon Tetrachloride	7.817	117	248488	51.490	ug/l	99
39) Methylcyclohexane	9.109	83	276189	48.496	ug/l	91
40) Benzene	8.079	78	690210	52.364	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	57278	44.812	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	200340	56.484	ug/l	96
43) Isopropyl Acetate	8.195	43	242511	52.643	ug/l #	81
44) Trichloroethene	8.866	130	171288	50.529	ug/l	96
45) 1,2-Dichloropropane	9.140	63	167975	52.127	ug/l	97
46) Dibromomethane	9.231	93	97728	55.458	ug/l	94
47) Bromodichloromethane	9.420	83	256548	54.159	ug/l	98
48) Methyl methacrylate	9.219	41	108831	50.027	ug/l	86
49) 1,4-Dioxane	9.231	88	23619	1138.545	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	626834	270.467	ug/l	92
52) Toluene	10.170	92	449141	52.982	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	229095	50.735	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	266902	50.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	131225	53.924	ug/l	97
56) Ethyl methacrylate	10.439	69	196812	53.240	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	224873	53.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	474851	276.762	ug/l	97
59) 2-Hexanone	10.762	43	437429	257.447	ug/l	90
60) Dibromochloromethane	10.914	129	171763	53.357	ug/l	99
61) 1,2-Dibromoethane	11.018	107	119424	52.670	ug/l	100
64) Tetrachloroethene	10.646	164	155353	51.939	ug/l	95
65) Chlorobenzene	11.444	112	488467	51.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	172522	52.444	ug/l	98
67) Ethyl Benzene	11.518	91	871689	51.634	ug/l	99
68) m/p-Xylenes	11.627	106	649611	101.765	ug/l	94
69) o-Xylene	11.957	106	315722	50.573	ug/l	94
70) Styrene	11.969	104	542246	51.445	ug/l	97
71) Bromoform	12.133	173	95236	50.686	ug/l #	98
73) Isopropylbenzene	12.255	105	836201	50.244	ug/l	99
74) N-amyl acetate	12.072	43	226724	50.091	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	158805	53.759	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	116352m	54.112	ug/l	
77) Bromobenzene	12.530	156	185084	50.143	ug/l	90
78) n-propylbenzene	12.597	91	987905	50.081	ug/l	99
79) 2-Chlorotoluene	12.682	91	575776	50.085	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	676735	50.018	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	50912	45.454	ug/l	89
82) 4-Chlorotoluene	12.780	91	590251	49.942	ug/l	96
83) tert-Butylbenzene	12.999	119	627404	51.223	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	669221	49.969	ug/l	98
85) sec-Butylbenzene	13.176	105	899249	50.537	ug/l	99
86) p-Isopropyltoluene	13.292	119	727603	49.979	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	357999	49.914	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	354084	49.744	ug/l	97
89) n-Butylbenzene	13.615	91	681536	48.970	ug/l	99
90) Hexachloroethane	13.877	117	150796	49.782	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	321851	50.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24612	49.991	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	176509	45.343	ug/l	97
94) Hexachlorobutadiene	15.023	225	94946	45.656	ug/l	99
95) Naphthalene	15.145	128	366995	47.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	152696	45.859	ug/l	98

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

