

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019969.D
 Acq On : 22 Oct 2024 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 01:23:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben
 Patel
 10/23/2024
 Supervised By :Mahesh
 Dadoda
 10/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	226762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	399552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	348429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	173474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148544	53.201	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	106.400%	
35) Dibromofluoromethane	7.640	113	140720	53.372	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.740%	
50) Toluene-d8	10.109	98	500190	51.372	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	102.740%	
62) 4-Bromofluorobenzene	12.402	95	186059	52.886	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	105.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93373	44.232	ug/l	96
3) Chloromethane	2.074	50	138488	50.405	ug/l	99
4) Vinyl Chloride	2.208	62	158303	52.359	ug/l	97
5) Bromomethane	2.605	94	101642	53.113	ug/l	96
6) Chloroethane	2.739	64	111205	54.751	ug/l	100
7) Trichlorofluoromethane	3.062	101	225722	50.174	ug/l	94
8) Diethyl Ether	3.458	74	71941	52.616	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	134354	51.343	ug/l	91
10) Methyl Iodide	4.007	142	125223	47.315	ug/l	90
11) Tert butyl alcohol	4.866	59	52487	230.674	ug/l #	82
12) 1,1-Dichloroethene	3.799	96	117597	48.340	ug/l #	80
13) Acrolein	3.659	56	31866	155.320	ug/l	98
14) Allyl chloride	4.385	41	236930	53.979	ug/l #	89
15) Acrylonitrile	5.061	53	179394	286.854	ug/l	99
16) Acetone	3.873	43	213791	294.141	ug/l #	85
17) Carbon Disulfide	4.110	76	278526	42.715	ug/l	99
18) Methyl Acetate	4.391	43	91421	58.389	ug/l #	89
19) Methyl tert-butyl Ether	5.122	73	379909	54.358	ug/l	96
20) Methylene Chloride	4.616	84	144158	53.738	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	136490	51.551	ug/l #	82
22) Diisopropyl ether	6.025	45	561889	58.770	ug/l #	91
23) Vinyl Acetate	5.964	43	1559578	284.542	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	301102	56.655	ug/l	95
25) 2-Butanone	6.896	43	273450	281.071	ug/l #	83
26) 2,2-Dichloropropane	6.884	77	255759	54.037	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	174456	53.318	ug/l	81
28) Bromochloromethane	7.250	49	129280	55.266	ug/l #	72
29) Tetrahydrofuran	7.262	42	155571	280.058	ug/l #	81
30) Chloroform	7.427	83	308145	56.878	ug/l	97
31) Cyclohexane	7.707	56	223349	47.875	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	256733	54.074	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	202603	53.338	ug/l	93
37) Ethyl Acetate	6.988	43	110125	55.599	ug/l #	94
38) Carbon Tetrachloride	7.817	117	217255	53.352	ug/l	97
39) Methylcyclohexane	9.109	83	236697	49.455	ug/l #	87
40) Benzene	8.085	78	622880	54.183	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	63536	59.269	ug/l	#	83
42) 1,2-Dichloroethane	8.158	62	183751	55.638	ug/l		94
43) Isopropyl Acetate	8.195	43	222649	55.119	ug/l	#	78
44) Trichloroethene	8.866	130	142511	51.184	ug/l		89
45) 1,2-Dichloropropane	9.140	63	164544	57.186	ug/l		98
46) Dibromomethane	9.231	93	85101	54.134	ug/l		90
47) Bromodichloromethane	9.420	83	239372	57.366	ug/l		99
48) Methyl methacrylate	9.219	41	101583	57.170	ug/l	#	79
49) 1,4-Dioxane	9.231	88	17542	996.992	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.000	43	595981	289.261	ug/l		88
52) Toluene	10.170	92	395386	55.100	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	207969	55.393	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	244680	55.231	ug/l	#	86
55) 1,1,2-Trichloroethane	10.573	97	117570	56.764	ug/l		94
56) Ethyl methacrylate	10.439	69	168319	56.636	ug/l	#	74
57) 1,3-Dichloropropane	10.719	76	204379	56.190	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	424435	306.775	ug/l		92
59) 2-Hexanone	10.762	43	431774	293.410	ug/l		86
60) Dibromochloromethane	10.908	129	147961	55.657	ug/l		99
61) 1,2-Dibromoethane	11.012	107	101465	54.212	ug/l		97
64) Tetrachloroethene	10.646	164	121263	48.929	ug/l		93
65) Chlorobenzene	11.438	112	430418	54.009	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	148308	55.004	ug/l		99
67) Ethyl Benzene	11.518	91	799637	55.236	ug/l		99
68) m/p-Xylenes	11.627	106	580428	108.561	ug/l		92
69) o-Xylene	11.950	106	284413	55.365	ug/l		92
70) Styrene	11.969	104	483902	55.833	ug/l		95
71) Bromoform	12.133	173	79883	55.343	ug/l	#	98
73) Isopropylbenzene	12.255	105	768095	52.640	ug/l		98
74) N-amyl acetate	12.072	43	210627	54.501	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	140747	54.285	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	100222m	29.491	ug/l		
77) Bromobenzene	12.530	156	157446	50.848	ug/l		82
78) n-propylbenzene	12.597	91	949805	53.871	ug/l		97
79) 2-Chlorotoluene	12.676	91	538729	53.298	ug/l		94
80) 1,3,5-Trimethylbenzene	12.737	105	619596	52.580	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	44228	52.532	ug/l	#	83
82) 4-Chlorotoluene	12.773	91	555163	53.716	ug/l		95
83) tert-Butylbenzene	12.999	119	581000	55.037	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	626187	53.598	ug/l		96
85) sec-Butylbenzene	13.176	105	860118	54.533	ug/l		97
86) p-Isopropyltoluene	13.292	119	684911	53.477	ug/l		96
87) 1,3-Dichlorobenzene	13.286	146	326494	52.214	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	321997	52.417	ug/l		97
89) n-Butylbenzene	13.615	91	693090	55.421	ug/l		98
90) Hexachloroethane	13.877	117	137479	55.126	ug/l		85
91) 1,2-Dichlorobenzene	13.657	146	287945	52.408	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21396	51.708	ug/l		75
93) 1,2,4-Trichlorobenzene	14.919	180	155214	50.381	ug/l		98
94) Hexachlorobutadiene	15.023	225	84209	49.164	ug/l		96
95) Naphthalene	15.145	128	297239	51.155	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	130333	50.045	ug/l		96

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

