

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019939.D
 Acq On : 17 Oct 2024 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 18 01:45:41 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 :Mahesh Dadoda 10/18/2024
 Supervised By :Semsettin Yesilyurt 10/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	255826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	460902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	407786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	198679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167672	53.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.460%			
35) Dibromofluoromethane	7.634	113	156727	51.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.060%			
50) Toluene-d8	10.109	98	558732	49.746	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.500%			
62) 4-Bromofluorobenzene	12.407	95	207594	51.153	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	108491	45.555	ug/l	100
3) Chloromethane	2.068	50	168537	54.373	ug/l	100
4) Vinyl Chloride	2.202	62	183784	53.881	ug/l	100
5) Bromomethane	2.598	94	120287	55.715	ug/l	99
6) Chloroethane	2.738	64	125416	54.732	ug/l	97
7) Trichlorofluoromethane	3.062	101	264045	52.024	ug/l	96
8) Diethyl Ether	3.458	74	87317	56.606	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.824	101	151022	51.156	ug/l	92
10) Methyl Iodide	4.007	142	148884	49.864	ug/l #	90
11) Tert butyl alcohol	4.872	59	66231	260.246	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	136790	49.841	ug/l #	73
13) Acrolein	3.659	56	44523	192.358	ug/l	98
14) Allyl chloride	4.385	41	273251	55.181	ug/l #	90
15) Acrylonitrile	5.061	53	215751	305.796	ug/l	96
16) Acetone	3.879	43	218093	265.971	ug/l #	82
17) Carbon Disulfide	4.110	76	312328	42.457	ug/l	98
18) Methyl Acetate	4.391	43	117000	66.237	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	454541	57.648	ug/l	97
20) Methylene Chloride	4.622	84	173341	57.330	ug/l #	80
21) trans-1,2-Dichloroethene	5.122	96	155000	51.891	ug/l	87
22) Diisopropyl ether	6.024	45	645064	59.805	ug/l #	92
23) Vinyl Acetate	5.964	43	1800484	291.175	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	344655	57.483	ug/l	96
25) 2-Butanone	6.896	43	314131	286.203	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	267154	50.032	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	202924	54.972	ug/l	82
28) Bromochloromethane	7.250	49	160555	60.838	ug/l #	71
29) Tetrahydrofuran	7.268	42	189155	301.830	ug/l #	83
30) Chloroform	7.427	83	354265	57.962	ug/l	98
31) Cyclohexane	7.701	56	255334	48.513	ug/l	84
32) 1,1,1-Trichloroethane	7.622	97	294872	55.051	ug/l	94
36) 1,1-Dichloropropene	7.835	75	229263	52.322	ug/l	94
37) Ethyl Acetate	6.988	43	134532	58.881	ug/l #	94
38) Carbon Tetrachloride	7.823	117	243873	51.917	ug/l	98
39) Methylcyclohexane	9.109	83	265050	48.008	ug/l	88
40) Benzene	8.079	78	712424	53.724	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	75661	61.185	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	214972	56.427	ug/l	93
43) Isopropyl Acetate	8.201	43	274349	58.878	ug/l #	87
44) Trichloroethene	8.865	130	165961	51.672	ug/l	86
45) 1,2-Dichloropropane	9.140	63	189112	56.976	ug/l	93
46) Dibromomethane	9.231	93	101776	56.123	ug/l #	88
47) Bromodichloromethane	9.420	83	275072	57.147	ug/l	98
48) Methyl methacrylate	9.219	41	124476	60.730	ug/l #	81
49) 1,4-Dioxane	9.237	88	22439	1105.556	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	733459	308.601	ug/l	89
52) Toluene	10.170	92	450511	54.425	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	238096	54.976	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	278617	54.521	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	136374	57.079	ug/l	96
56) Ethyl methacrylate	10.438	69	204496	59.649	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	239323	57.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	468671	293.658	ug/l	92
59) 2-Hexanone	10.761	43	503761	296.761	ug/l	86
60) Dibromochloromethane	10.908	129	171501	55.925	ug/l	99
61) 1,2-Dibromoethane	11.011	107	119495	55.347	ug/l	99
64) Tetrachloroethene	10.646	164	145333	50.106	ug/l	93
65) Chlorobenzene	11.438	112	491424	52.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	166302	52.700	ug/l	99
67) Ethyl Benzene	11.517	91	899370	53.082	ug/l	99
68) m/p-Xylenes	11.627	106	647272	103.441	ug/l	89
69) o-Xylene	11.950	106	317594	52.825	ug/l	91
70) Styrene	11.969	104	550179	54.240	ug/l	96
71) Bromoform	12.133	173	90299	53.453	ug/l #	96
73) Isopropylbenzene	12.255	105	859056	51.405	ug/l	98
74) N-amyl acetate	12.072	43	251820	56.893	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	170096	57.282	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	115981m	29.799	ug/l	
77) Bromobenzene	12.529	156	177245	49.981	ug/l	82
78) n-propylbenzene	12.590	91	1044312	51.717	ug/l	96
79) 2-Chlorotoluene	12.676	91	594931	51.391	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	687744	50.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	50898	52.785	ug/l #	83
82) 4-Chlorotoluene	12.773	91	608999	51.449	ug/l	95
83) tert-Butylbenzene	12.993	119	606105	50.131	ug/l	92
84) 1,2,4-Trimethylbenzene	13.041	105	682174	50.982	ug/l	96
85) sec-Butylbenzene	13.176	105	934173	51.715	ug/l	97
86) p-Isopropyltoluene	13.291	119	749699	51.110	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	355838	49.687	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	355290	50.499	ug/l	96
89) n-Butylbenzene	13.615	91	723905	50.542	ug/l	98
90) Hexachloroethane	13.877	117	146741	51.375	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	316409	50.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24683	52.085	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	164470	46.613	ug/l	98
94) Hexachlorobutadiene	15.023	225	87465	44.587	ug/l	98
95) Naphthalene	15.145	128	347987	52.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	142237	47.688	ug/l	98

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

