

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019894.D
 Acq On : 14 Oct 2024 16:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 15 01:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						10/15/2024
1) Pentafluorobenzene	7.713	168	301988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	532037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	456832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	223251	50.000	ug/l	0.00
System Monitoring Compounds						10/15/2024
33) 1,2-Dichloroethane-d4	8.060	65	207969	55.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.860%	
35) Dibromofluoromethane	7.634	113	198604	56.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.140%	
50) Toluene-d8	10.103	98	707275	54.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.100%	
62) 4-Bromofluorobenzene	12.401	95	262227	55.975	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	140111	49.839	ug/l	99
3) Chloromethane	2.074	50	187625	51.279	ug/l	96
4) Vinyl Chloride	2.208	62	214969	53.390	ug/l	98
5) Bromomethane	2.598	94	134638	52.829	ug/l	98
6) Chloroethane	2.738	64	148356	54.847	ug/l	95
7) Trichlorofluoromethane	3.061	101	331697	55.364	ug/l	94
8) Diethyl Ether	3.458	74	105755	58.080	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.823	101	191779	55.032	ug/l	92
10) Methyl Iodide	4.006	142	182273	51.715	ug/l #	90
11) Tert butyl alcohol	4.872	59	78653	225.787	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	173173	53.453	ug/l #	79
13) Acrolein	3.653	56	46096	168.711	ug/l	97
14) Allyl chloride	4.384	41	327278	55.989	ug/l #	90
15) Acrylonitrile	5.061	53	246042	295.422	ug/l	98
16) Acetone	3.878	43	241880	249.889	ug/l #	81
17) Carbon Disulfide	4.110	76	408657	47.060	ug/l	98
18) Methyl Acetate	4.390	43	123773	59.360	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	545201	58.577	ug/l	100
20) Methylene Chloride	4.622	84	206266	57.798	ug/l #	80
21) trans-1,2-Dichloroethene	5.116	96	190485	54.022	ug/l #	86
22) Diisopropyl ether	6.024	45	753652	59.191	ug/l #	92
23) Vinyl Acetate	5.963	43	2145483	293.931	ug/l #	91
24) 1,1-Dichloroethane	5.920	63	414770	58.602	ug/l	96
25) 2-Butanone	6.896	43	357979	276.297	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	346209	54.926	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	248610	57.054	ug/l	84
28) Bromochloromethane	7.250	49	180453	57.926	ug/l #	74
29) Tetrahydrofuran	7.262	42	214203	289.551	ug/l #	83
30) Chloroform	7.426	83	423676	58.723	ug/l	97
31) Cyclohexane	7.701	56	317976	51.179	ug/l	86
32) 1,1,1-Trichloroethane	7.621	97	361350	57.150	ug/l	93
36) 1,1-Dichloropropene	7.835	75	274043	54.180	ug/l	95
37) Ethyl Acetate	6.987	43	152769	57.923	ug/l	96
38) Carbon Tetrachloride	7.816	117	306526	56.530	ug/l	99
39) Methylcyclohexane	9.109	83	333254	52.291	ug/l #	88
40) Benzene	8.085	78	856933	55.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.225	41	87936	61.603	ug/l	#	84
42) 1,2-Dichloroethane	8.158	62	254573	57.887	ug/l		95
43) Isopropyl Acetate	8.201	43	315101	58.582	ug/l	#	88
44) Trichloroethene	8.865	130	202033	54.493	ug/l		85
45) 1,2-Dichloropropane	9.139	63	219353	57.251	ug/l		99
46) Dibromomethane	9.231	93	117044	55.913	ug/l		91
47) Bromodichloromethane	9.420	83	326578	58.776	ug/l		99
48) Methyl methacrylate	9.219	41	139789	59.082	ug/l	#	82
49) 1,4-Dioxane	9.231	88	26426	1127.913	ug/l	#	93
51) 4-Methyl-2-Pentanone	9.999	43	823786	300.264	ug/l		90
52) Toluene	10.170	92	546166	57.159	ug/l		99
53) t-1,3-Dichloropropene	10.395	75	285730	57.153	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	338006	57.299	ug/l	#	84
55) 1,1,2-Trichloroethane	10.572	97	160440	58.173	ug/l		95
56) Ethyl methacrylate	10.438	69	234765	59.323	ug/l	#	74
57) 1,3-Dichloropropane	10.718	76	282278	58.281	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	572323	310.657	ug/l		93
59) 2-Hexanone	10.761	43	570310	291.045	ug/l		87
60) Dibromochloromethane	10.907	129	204711	57.829	ug/l		99
61) 1,2-Dibromoethane	11.011	107	141621	56.825	ug/l		100
64) Tetrachloroethene	10.645	164	169120	52.047	ug/l		92
65) Chlorobenzene	11.438	112	585069	55.994	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	199026	56.298	ug/l		98
67) Ethyl Benzene	11.517	91	1072165	56.487	ug/l		100
68) m/p-Xylenes	11.627	106	781562	111.492	ug/l		91
69) o-Xylene	11.950	106	378089	56.136	ug/l		91
70) Styrene	11.968	104	648260	57.048	ug/l		95
71) Bromoform	12.127	173	108215	57.181	ug/l	#	96
73) Isopropylbenzene	12.255	105	1026849	54.683	ug/l		98
74) N-amyl acetate	12.066	43	282711	56.842	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	193911	58.115	ug/l		99
76) 1,2,3-Trichloropropane	12.553	75	131293m	30.020	ug/l		
77) Bromobenzene	12.529	156	212588	53.349	ug/l		84
78) n-propylbenzene	12.590	91	1231174	54.260	ug/l		97
79) 2-Chlorotoluene	12.675	91	703604	54.089	ug/l		93
80) 1,3,5-Trimethylbenzene	12.736	105	822324	54.224	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	58788	54.257	ug/l	#	81
82) 4-Chlorotoluene	12.773	91	722670	54.333	ug/l		94
83) tert-Butylbenzene	12.992	119	721333	53.095	ug/l		93
84) 1,2,4-Trimethylbenzene	13.041	105	814483	54.171	ug/l		96
85) sec-Butylbenzene	13.175	105	1102377	54.309	ug/l		97
86) p-Isopropyltoluene	13.291	119	881748	53.496	ug/l		96
87) 1,3-Dichlorobenzene	13.285	146	425055	52.820	ug/l		98
88) 1,4-Dichlorobenzene	13.364	146	414993	52.493	ug/l		96
89) n-Butylbenzene	13.614	91	880746	54.724	ug/l		98
90) Hexachloroethane	13.876	117	171653	53.483	ug/l		85
91) 1,2-Dichlorobenzene	13.657	146	377082	53.329	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29115	54.675	ug/l		75
93) 1,2,4-Trichlorobenzene	14.919	180	203765	51.393	ug/l		97
94) Hexachlorobutadiene	15.023	225	113488	51.485	ug/l		99
95) Naphthalene	15.144	128	410482	54.893	ug/l		100
96) 1,2,3-Trichlorobenzene	15.327	180	171206	51.082	ug/l		98

10/15/2024
 Supervised By :Semsettin
 Yesilyurt

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

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Yesilyurt

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