

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018978.D
 Acq On : 09 Aug 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 23:31:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	61522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	91509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	82995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30216	55.939	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.880%			
35) Dibromofluoromethane	7.622	113	32378	55.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.800%			
50) Toluene-d8	10.103	98	119867	53.395	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.408	95	35109	52.714	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	19835	46.905	ug/l	91
3) Chloromethane	2.068	50	55826	56.577	ug/l	96
4) Vinyl Chloride	2.196	62	74337	52.456	ug/l	97
5) Bromomethane	2.586	94	62523	55.297	ug/l	99
6) Chloroethane	2.726	64	52835	55.443	ug/l	98
7) Trichlorofluoromethane	3.043	101	100830	53.386	ug/l	89
8) Diethyl Ether	3.446	74	15772	54.172	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	29532	50.049	ug/l	95
10) Methyl Iodide	3.994	142	33309	52.278	ug/l	97
11) Tert butyl alcohol	4.842	59	11595	247.527	ug/l #	91
12) 1,1-Dichloroethene	3.775	96	28532	51.183	ug/l	99
13) Acrolein	3.635	56	13842	244.778	ug/l	96
14) Allyl chloride	4.372	41	39530	53.021	ug/l	86
15) Acrylonitrile	5.037	53	33728	295.501	ug/l	97
16) Acetone	3.854	43	29281	221.197	ug/l #	80
17) Carbon Disulfide	4.092	76	82776	49.952	ug/l	99
18) Methyl Acetate	4.366	43	16888	56.252	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	72663	52.995	ug/l	96
20) Methylene Chloride	4.598	84	33633	54.953	ug/l	85
21) trans-1,2-Dichloroethene	5.098	96	32354	52.456	ug/l	94
22) Diisopropyl ether	6.006	45	86823	53.420	ug/l #	89
23) Vinyl Acetate	5.945	43	397287	283.237	ug/l	97
24) 1,1-Dichloroethane	5.903	63	52396	52.550	ug/l	99
25) 2-Butanone	6.872	43	47395	270.994	ug/l	93
26) 2,2-Dichloropropane	6.872	77	42460	45.245	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	38686	52.422	ug/l	98
28) Bromochloromethane	7.232	49	25351	55.227	ug/l	90
29) Tetrahydrofuran	7.244	42	30082	291.701	ug/l	92
30) Chloroform	7.402	83	58090	54.464	ug/l	99
31) Cyclohexane	7.689	56	43180	51.212	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	51577	53.497	ug/l	96
36) 1,1-Dichloropropene	7.823	75	41211	52.528	ug/l	99
37) Ethyl Acetate	6.970	43	22087	61.593	ug/l	95
38) Carbon Tetrachloride	7.805	117	47908	53.258	ug/l	95
39) Methylcyclohexane	9.103	83	52028	49.267	ug/l	97
40) Benzene	8.073	78	127971	54.861	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10487	65.753	ug/l #	70
42) 1,2-Dichloroethane	8.146	62	33372	57.468	ug/l	100
43) Isopropyl Acetate	8.189	43	42269	57.960	ug/l #	78
44) Trichloroethene	8.853	130	36430	54.789	ug/l	88
45) 1,2-Dichloropropane	9.134	63	27781	53.225	ug/l	96
46) Dibromomethane	9.225	93	20465	60.681	ug/l	98
47) Bromodichloromethane	9.420	83	44623	56.541	ug/l	98
48) Methyl methacrylate	9.213	41	18960	59.512	ug/l #	77
49) 1,4-Dioxane	9.219	88	4675	1173.306	ug/l #	100
51) 4-Methyl-2-Pentanone	9.993	43	118506	315.082	ug/l #	86
52) Toluene	10.164	92	86599	55.888	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	38099	54.133	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	45244	54.119	ug/l #	84
55) 1,1,2-Trichloroethane	10.567	97	23997	57.941	ug/l	99
56) Ethyl methacrylate	10.438	69	31413	56.017	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	39719	58.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	84371	291.840	ug/l	96
59) 2-Hexanone	10.762	43	81096	300.580	ug/l	84
60) Dibromochloromethane	10.908	129	32385	58.323	ug/l	99
61) 1,2-Dibromoethane	11.012	107	23355	58.401	ug/l	99
64) Tetrachloroethene	10.646	164	38613	55.500	ug/l	94
65) Chlorobenzene	11.438	112	96511	52.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	33452	52.484	ug/l	99
67) Ethyl Benzene	11.518	91	168409	53.379	ug/l	99
68) m/p-Xylenes	11.627	106	138891	107.360	ug/l	93
69) o-Xylene	11.956	106	65338	54.722	ug/l	91
70) Styrene	11.969	104	109427	55.641	ug/l	99
71) Bromoform	12.133	173	18282	55.158	ug/l #	98
73) Isopropylbenzene	12.255	105	157827	48.379	ug/l	95
74) N-amyl acetate	12.072	43	40767	54.154	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	28678	54.473	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	18997m	56.738	ug/l	
77) Bromobenzene	12.530	156	39710	52.252	ug/l	90
78) n-propylbenzene	12.597	91	185874	48.139	ug/l	96
79) 2-Chlorotoluene	12.682	91	97039	48.545	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	126918	49.644	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	7611	46.841	ug/l #	81
82) 4-Chlorotoluene	12.780	91	101353	49.524	ug/l	90
83) tert-Butylbenzene	12.999	119	119666	49.556	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	129501	49.934	ug/l	94
85) sec-Butylbenzene	13.176	105	173961	49.735	ug/l	98
86) p-Isopropyltoluene	13.292	119	153091	50.546	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	80655	51.954	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	75658	49.973	ug/l	99
89) n-Butylbenzene	13.621	91	130667	49.151	ug/l	99
90) Hexachloroethane	13.883	117	29354	51.363	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	68067	53.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3539	48.868	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	39418	56.086	ug/l	99
94) Hexachlorobutadiene	15.023	225	20845	54.080	ug/l	100
95) Naphthalene	15.145	128	72382	57.851	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	34338	56.922	ug/l	99

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

