

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018389.D
 Acq On : 28 May 2024 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 01:23:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/29/2024
 Supervised By :Semsettin Yesilyurt 05/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	114679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	213489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	194738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	66869	61.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.100%			
35) Dibromofluoromethane	7.704	113	67720	54.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.800%			
50) Toluene-d8	10.173	98	275592	56.778	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.560%			
62) 4-Bromofluorobenzene	12.477	95	86324	57.557	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	43500	44.442	ug/l	98
3) Chloromethane	2.107	50	87322	54.897	ug/l	98
4) Vinyl Chloride	2.241	62	106733	59.980	ug/l	98
5) Bromomethane	2.637	94	70925	55.747	ug/l	96
6) Chloroethane	2.778	64	69057	59.783	ug/l	96
7) Trichlorofluoromethane	3.107	101	109010	54.587	ug/l	96
8) Diethyl Ether	3.515	74	34267	53.739	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	62182	50.472	ug/l	93
10) Methyl Iodide	4.070	142	66529	53.696	ug/l	96
11) Tert butyl alcohol	4.930	59	27268	277.861	ug/l	# 80
12) 1,1-Dichloroethene	3.857	96	63298	52.166	ug/l	99
13) Acrolein	3.710	56	18485	203.112	ug/l	99
14) Allyl chloride	4.460	41	97220	57.368	ug/l	94
15) Acrylonitrile	5.143	53	77612	281.402	ug/l	98
16) Acetone	3.930	43	56647	253.494	ug/l	93
17) Carbon Disulfide	4.180	76	186671	55.091	ug/l	100
18) Methyl Acetate	4.466	43	33244	56.127	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	160428	55.138	ug/l	97
20) Methylene Chloride	4.698	84	79968	63.453	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	68954	53.868	ug/l	98
22) Diisopropyl ether	6.106	45	216114	61.367	ug/l	93
23) Vinyl Acetate	6.045	43	673685	298.754	ug/l	97
24) 1,1-Dichloroethane	6.003	63	124833	57.800	ug/l	98
25) 2-Butanone	6.972	43	98827	279.076	ug/l	89
26) 2,2-Dichloropropane	6.966	77	97958	52.469	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	82655	54.951	ug/l	94
28) Bromochloromethane	7.326	49	46282	63.096	ug/l	81
29) Tetrahydrofuran	7.332	42	69277	297.217	ug/l	86
30) Chloroform	7.496	83	126099	57.283	ug/l	99
31) Cyclohexane	7.777	56	110258	58.023	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	106164	54.945	ug/l	97
36) 1,1-Dichloropropene	7.905	75	94323	52.243	ug/l	96
37) Ethyl Acetate	7.057	43	46869	54.266	ug/l	95
38) Carbon Tetrachloride	7.893	117	89832	48.579	ug/l	98
39) Methylcyclohexane	9.179	83	120326	47.775	ug/l	97
40) Benzene	8.149	78	293093	53.252	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	23093m	53.565	ug/l	
42) 1,2-Dichloroethane	8.228	62	70756	53.444	ug/l	98
43) Isopropyl Acetate	8.265	43	91161	54.096	ug/l	93
44) Trichloroethene	8.929	130	70212	49.768	ug/l	98
45) 1,2-Dichloropropane	9.209	63	68140	55.045	ug/l	95
46) Dibromomethane	9.295	93	37304	51.356	ug/l	92
47) Bromodichloromethane	9.490	83	93561	53.075	ug/l	97
48) Methyl methacrylate	9.289	41	39242	51.480	ug/l	92
49) 1,4-Dioxane	9.295	88	9823	1042.300	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	236236	277.767	ug/l	94
52) Toluene	10.240	92	183255	53.114	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	88773	55.081	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	104617	52.975	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52146	54.188	ug/l	98
56) Ethyl methacrylate	10.502	69	76313	57.814	ug/l	90
57) 1,3-Dichloropropane	10.782	76	90138	55.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	177811	298.123	ug/l	96
59) 2-Hexanone	10.825	43	158572	270.965	ug/l	93
60) Dibromochloromethane	10.977	129	60915	52.407	ug/l	99
61) 1,2-Dibromoethane	11.081	107	48233	54.320	ug/l	99
64) Tetrachloroethene	10.715	164	62304	45.101	ug/l	96
65) Chlorobenzene	11.508	112	194391	48.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	62943	49.459	ug/l	99
67) Ethyl Benzene	11.587	91	357267	50.571	ug/l	99
68) m/p-Xylenes	11.697	106	267708	98.486	ug/l	100
69) o-Xylene	12.026	106	126405	49.276	ug/l	97
70) Styrene	12.038	104	213922	50.448	ug/l	99
71) Bromoform	12.203	173	33178	49.289	ug/l #	99
73) Isopropylbenzene	12.325	105	327057	47.483	ug/l	99
74) N-amyl acetate	12.142	43	75199	46.794	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	57358	48.871	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	35076m	44.533	ug/l	
77) Bromobenzene	12.605	156	72072	47.774	ug/l	98
78) n-propylbenzene	12.666	91	379351	45.997	ug/l	99
79) 2-Chlorotoluene	12.752	91	209373	46.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	254528	47.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	17885	46.720	ug/l	97
82) 4-Chlorotoluene	12.849	91	209445	46.264	ug/l	98
83) tert-Butylbenzene	13.069	119	228162	45.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	251859	47.313	ug/l	99
85) sec-Butylbenzene	13.251	105	336438	45.467	ug/l	99
86) p-Isopropyltoluene	13.367	119	282545	46.681	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	141817	47.739	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	139527	47.190	ug/l	97
89) n-Butylbenzene	13.690	91	259117	45.556	ug/l	99
90) Hexachloroethane	13.959	117	52177	46.682	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	123023	47.726	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7658	47.572	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	67029	45.652	ug/l	98
94) Hexachlorobutadiene	15.111	225	34370	45.742	ug/l	98
95) Naphthalene	15.233	128	137912	47.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55470	44.436	ug/l	97

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

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