

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018842.D
 Acq On : 16 Jul 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 02:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	100519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	163635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	148667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	56239	56.857	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.720%			
35) Dibromofluoromethane	7.704	113	53837	52.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.173	98	197820	50.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.477	95	71469	53.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	41088	48.782	ug/l	95
3) Chloromethane	2.101	50	65088	50.852	ug/l	100
4) Vinyl Chloride	2.235	62	76840	51.320	ug/l	99
5) Bromomethane	2.631	94	55973	54.347	ug/l	93
6) Chloroethane	2.772	64	50660	52.079	ug/l	98
7) Trichlorofluoromethane	3.101	101	100884	51.562	ug/l	93
8) Diethyl Ether	3.509	74	27833	58.365	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	50175	49.982	ug/l	94
10) Methyl Iodide	4.070	142	53140	49.158	ug/l	92
11) Tert butyl alcohol	4.948	59	20134	200.939	ug/l #	78
12) 1,1-Dichloroethene	3.851	96	48316	49.752	ug/l	98
13) Acrolein	3.710	56	12193	151.884	ug/l	98
14) Allyl chloride	4.460	41	62862	52.249	ug/l	91
15) Acrylonitrile	5.143	53	57598	306.166	ug/l	98
16) Acetone	3.930	43	44363	243.275	ug/l #	83
17) Carbon Disulfide	4.174	76	135145	49.699	ug/l	96
18) Methyl Acetate	4.460	43	42488	80.187	ug/l	98
19) Methyl tert-butyl Ether	5.198	73	132790	58.944	ug/l	99
20) Methylene Chloride	4.686	84	63101	62.324	ug/l	96
21) trans-1,2-Dichloroethene	5.192	96	54098	52.780	ug/l	99
22) Diisopropyl ether	6.100	45	142650	54.508	ug/l	93
23) Vinyl Acetate	6.039	43	539279	261.557	ug/l	98
24) 1,1-Dichloroethane	5.990	63	89189	53.377	ug/l	97
25) 2-Butanone	6.972	43	72919	285.269	ug/l	91
26) 2,2-Dichloropropane	6.966	77	67944	43.824	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	64513	54.061	ug/l	99
28) Bromochloromethane	7.319	49	38548	57.438	ug/l	99
29) Tetrahydrofuran	7.338	42	47622	303.891	ug/l	96
30) Chloroform	7.490	83	105596	56.703	ug/l	97
31) Cyclohexane	7.771	56	70364	46.304	ug/l	99
32) 1,1,1-Trichloroethane	7.685	97	91803	53.013	ug/l	97
36) 1,1-Dichloropropene	7.905	75	68230	48.241	ug/l	99
37) Ethyl Acetate	7.063	43	32690	55.605	ug/l #	96
38) Carbon Tetrachloride	7.893	117	84490	49.598	ug/l	99
39) Methylcyclohexane	9.173	83	88560	48.860	ug/l	98
40) Benzene	8.149	78	212057	51.684	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17343m	51.743	ug/l	
42) 1,2-Dichloroethane	8.228	62	62261	54.199	ug/l	97
43) Isopropyl Acetate	8.264	43	66076	56.485	ug/l	95
44) Trichloroethene	8.929	130	61568	52.496	ug/l	99
45) 1,2-Dichloropropane	9.209	63	46789	52.368	ug/l	100
46) Dibromomethane	9.301	93	33287	57.478	ug/l	98
47) Bromodichloromethane	9.490	83	79702	55.090	ug/l	96
48) Methyl methacrylate	9.283	41	30080	56.572	ug/l #	85
49) 1,4-Dioxane	9.289	88	8000	1178.426	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	178865	299.478	ug/l	93
52) Toluene	10.240	92	140905	51.670	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	67827	54.299	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	78242	53.391	ug/l #	88
55) 1,1,2-Trichloroethane	10.636	97	41313	56.334	ug/l	95
56) Ethyl methacrylate	10.502	69	55889	57.885	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	68389	56.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	146717	318.066	ug/l	93
59) 2-Hexanone	10.825	43	121873	291.675	ug/l	93
60) Dibromochloromethane	10.977	129	58252	57.811	ug/l	100
61) 1,2-Dibromoethane	11.081	107	41767	58.583	ug/l	97
64) Tetrachloroethene	10.715	164	68077	56.573	ug/l	98
65) Chlorobenzene	11.514	112	158708	50.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	55706	51.554	ug/l	95
67) Ethyl Benzene	11.587	91	266212	48.455	ug/l	97
68) m/p-Xylenes	11.697	106	211758	98.221	ug/l	97
69) o-Xylene	12.026	106	100392	49.530	ug/l	94
70) Styrene	12.038	104	175168	51.794	ug/l	96
71) Bromoform	12.203	173	34608	58.760	ug/l #	99
73) Isopropylbenzene	12.325	105	260821	46.554	ug/l	98
74) N-amyl acetate	12.142	43	59666	52.075	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	44280	50.135	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	32336m	53.933	ug/l	
77) Bromobenzene	12.605	156	66897	50.017	ug/l	92
78) n-propylbenzene	12.666	91	302526	45.471	ug/l	96
79) 2-Chlorotoluene	12.751	91	172464	46.101	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	217655	47.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	13518	50.460	ug/l	88
82) 4-Chlorotoluene	12.849	91	179721	46.654	ug/l	97
83) tert-Butylbenzene	13.068	119	196847	46.512	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	216246	47.472	ug/l	99
85) sec-Butylbenzene	13.251	105	278192	46.310	ug/l	98
86) p-Isopropyltoluene	13.367	119	236014	45.510	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	128664	48.980	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124041	47.643	ug/l	98
89) n-Butylbenzene	13.690	91	214041	45.525	ug/l	97
90) Hexachloroethane	13.959	117	45342	47.013	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	114925	50.647	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8258	57.702	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	72253	52.161	ug/l	98
94) Hexachlorobutadiene	15.111	225	37071	46.431	ug/l	100
95) Naphthalene	15.233	128	139618	58.755	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	63178	53.306	ug/l	99

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

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