

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018456.D
 Acq On : 04 Jun 2024 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 01:21:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	50832	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	81663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49546	49.632	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	99.260%	
35) Dibromofluoromethane	7.710	113	49882	48.170	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	96.340%	
50) Toluene-d8	10.173	98	202021	49.038	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	98.080%	
62) 4-Bromofluorobenzene	12.477	95	64528	50.307	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	100.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	38353	47.508	ug/l	99
3) Chloromethane	2.107	50	79573	52.853	ug/l	98
4) Vinyl Chloride	2.241	62	96784	53.745	ug/l	100
5) Bromomethane	2.644	94	63762	53.071	ug/l	100
6) Chloroethane	2.784	64	65263	57.400	ug/l	94
7) Trichlorofluoromethane	3.113	101	99840	53.584	ug/l	93
8) Diethyl Ether	3.521	74	30449	54.313	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	57164	52.688	ug/l	93
10) Methyl Iodide	4.076	142	63116	59.226	ug/l	96
11) Tert butyl alcohol	4.948	59	23087	190.904	ug/l	# 88
12) 1,1-Dichloroethene	3.857	96	55992	52.506	ug/l	91
13) Acrolein	3.710	56	29967	293.275	ug/l	98
14) Allyl chloride	4.466	41	86243	55.221	ug/l	95
15) Acrylonitrile	5.143	53	69483	271.014	ug/l	99
16) Acetone	3.930	43	63322	285.795	ug/l	94
17) Carbon Disulfide	4.180	76	160757	51.389	ug/l	99
18) Methyl Acetate	4.460	43	28503	51.445	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	143925	56.000	ug/l	99
20) Methylene Chloride	4.698	84	62371	51.380	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	62681	55.080	ug/l	90
22) Diisopropyl ether	6.106	45	194565	61.173	ug/l	95
23) Vinyl Acetate	6.045	43	615950	297.572	ug/l	94
24) 1,1-Dichloroethane	6.003	63	111646	56.278	ug/l	95
25) 2-Butanone	6.972	43	95039	279.999	ug/l	# 87
26) 2,2-Dichloropropane	6.966	77	95650	54.858	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	74214	56.063	ug/l	92
28) Bromochloromethane	7.326	49	49401	54.113	ug/l	# 81
29) Tetrahydrofuran	7.338	42	58460	265.203	ug/l	89
30) Chloroform	7.496	83	117568	59.088	ug/l	98
31) Cyclohexane	7.777	56	99275	53.338	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	98206	56.353	ug/l	98
36) 1,1-Dichloropropene	7.905	75	85852	54.373	ug/l	96
37) Ethyl Acetate	7.063	43	40985	51.959	ug/l	99
38) Carbon Tetrachloride	7.893	117	84015	53.098	ug/l	97
39) Methylcyclohexane	9.179	83	112121	52.528	ug/l	95
40) Benzene	8.155	78	263445	55.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	24280	63.282	ug/l #	85
42) 1,2-Dichloroethane	8.228	62	64190	55.808	ug/l	97
43) Isopropyl Acetate	8.264	43	82027	55.615	ug/l	92
44) Trichloroethene	8.935	130	62289	53.130	ug/l	87
45) 1,2-Dichloropropane	9.209	63	61261	56.621	ug/l	99
46) Dibromomethane	9.301	93	34233	55.186	ug/l	91
47) Bromodichloromethane	9.490	83	85236	57.242	ug/l	98
48) Methyl methacrylate	9.283	41	36275	53.457	ug/l	88
49) 1,4-Dioxane	9.289	88	8314	1020.614	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	211948	276.745	ug/l	92
52) Toluene	10.240	92	166452	57.204	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	80977	59.218	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	95149	56.512	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	46259	57.318	ug/l	95
56) Ethyl methacrylate	10.508	69	65462	57.641	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	80276	58.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	177188	290.537	ug/l	94
59) 2-Hexanone	10.825	43	148038	279.718	ug/l	91
60) Dibromochloromethane	10.983	129	56320	57.121	ug/l	98
61) 1,2-Dibromoethane	11.081	107	42309	55.671	ug/l	98
64) Tetrachloroethene	10.715	164	55946	49.498	ug/l	93
65) Chlorobenzene	11.514	112	174906	53.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55226	51.904	ug/l	98
67) Ethyl Benzene	11.587	91	324501	54.180	ug/l	100
68) m/p-Xylenes	11.697	106	243982	108.182	ug/l	97
69) o-Xylene	12.026	106	114667	52.818	ug/l	96
70) Styrene	12.038	104	197097	55.565	ug/l	98
71) Bromoform	12.203	173	29003	51.742	ug/l #	96
73) Isopropylbenzene	12.325	105	309528	52.471	ug/l	99
74) N-amyl acetate	12.142	43	71891	50.067	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	51705	49.792	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	32999m	46.553	ug/l	
77) Bromobenzene	12.605	156	63765	50.910	ug/l	92
78) n-propylbenzene	12.666	91	372136	52.561	ug/l	99
79) 2-Chlorotoluene	12.751	91	200861	52.185	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	241009	52.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16088	47.682	ug/l	91
82) 4-Chlorotoluene	12.849	91	192669	49.744	ug/l	96
83) tert-Butylbenzene	13.075	119	220989	52.015	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	231933	51.563	ug/l	100
85) sec-Butylbenzene	13.251	105	318851	50.961	ug/l	99
86) p-Isopropyltoluene	13.367	119	261838	51.852	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	129867	52.564	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	126485	52.111	ug/l	99
89) n-Butylbenzene	13.690	91	242256	50.485	ug/l	99
90) Hexachloroethane	13.959	117	50398	53.246	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	113844	52.952	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	7006	44.336	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	59246	50.954	ug/l	96
94) Hexachlorobutadiene	15.111	225	29415	47.633	ug/l	99
95) Naphthalene	15.233	128	115858	49.614	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49729	50.549	ug/l	98

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

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