

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018461.D
 Acq On : 04 Jun 2024 14:03
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 01:24:23 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	47578	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	79338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	43828	46.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.820%		
35) Dibromofluoromethane	7.704	113	42088	41.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.660%		
50) Toluene-d8	10.173	98	169571	42.368	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.740%		
62) 4-Bromofluorobenzene	12.477	95	52946	42.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	14353	18.995	ug/l	94
3) Chloromethane	2.101	50	32638	23.161	ug/l	99
4) Vinyl Chloride	2.241	62	37019	21.963	ug/l	99
5) Bromomethane	2.631	94	25090	22.312	ug/l	99
6) Chloroethane	2.778	64	24340	22.871	ug/l	98
7) Trichlorofluoromethane	3.101	101	37383	21.436	ug/l	97
8) Diethyl Ether	3.515	74	10740	20.468	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	19538	19.240	ug/l	94
10) Methyl Iodide	4.070	142	19815	19.866	ug/l	94
11) Tert butyl alcohol	4.936	59	10584	48.362	ug/l	# 79
12) 1,1-Dichloroethene	3.851	96	19574	19.611	ug/l	92
13) Acrolein	3.710	56	7346	76.809	ug/l	95
14) Allyl chloride	4.466	41	31174	21.326	ug/l	96
15) Acrylonitrile	5.143	53	24976	104.080	ug/l	95
16) Acetone	3.930	43	21241	102.425	ug/l	88
17) Carbon Disulfide	4.174	76	59199	20.218	ug/l	95
18) Methyl Acetate	4.466	43	11235	21.665	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	50122	20.836	ug/l	100
20) Methylene Chloride	4.698	84	28520	22.368	ug/l	# 77
21) trans-1,2-Dichloroethene	5.204	96	22674	21.287	ug/l	95
22) Diisopropyl ether	6.106	45	66705	22.407	ug/l	93
23) Vinyl Acetate	6.045	43	212713	109.792	ug/l	# 93
24) 1,1-Dichloroethane	6.003	63	39672	21.366	ug/l	98
25) 2-Butanone	6.966	43	35086	110.438	ug/l	# 86
26) 2,2-Dichloropropane	6.972	77	32138	19.693	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	25537	20.611	ug/l	92
28) Bromochloromethane	7.319	49	17716	20.733	ug/l	# 78
29) Tetrahydrofuran	7.338	42	23501	113.903	ug/l	# 84
30) Chloroform	7.496	83	40069	21.516	ug/l	90
31) Cyclohexane	7.777	56	35103	20.150	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	33403	20.478	ug/l	97
36) 1,1-Dichloropropene	7.905	75	30777	20.063	ug/l	96
37) Ethyl Acetate	7.057	43	15826	20.652	ug/l	97
38) Carbon Tetrachloride	7.893	117	28506	18.544	ug/l	98
39) Methylcyclohexane	9.173	83	39385	18.992	ug/l	94
40) Benzene	8.149	78	92353	20.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8720	23.393	ug/l #	86
42) 1,2-Dichloroethane	8.228	62	22728	20.339	ug/l	99
43) Isopropyl Acetate	8.271	43	28612	19.968	ug/l	93
44) Trichloroethene	8.929	130	21052	18.483	ug/l	92
45) 1,2-Dichloropropane	9.209	63	21689	20.634	ug/l	99
46) Dibromomethane	9.301	93	12631	20.959	ug/l	89
47) Bromodichloromethane	9.490	83	28064	19.399	ug/l	97
48) Methyl methacrylate	9.289	41	13496	20.471	ug/l	87
49) 1,4-Dioxane	9.295	88	3137	396.379	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	76006	102.151	ug/l	93
52) Toluene	10.240	92	57184	20.228	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	26430	19.894	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	31483	19.247	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	16092	20.524	ug/l	96
56) Ethyl methacrylate	10.502	69	22491	20.384	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	28370	21.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	61659	104.066	ug/l	96
59) 2-Hexanone	10.825	43	53155	103.380	ug/l	92
60) Dibromochloromethane	10.977	129	18232	19.033	ug/l	98
61) 1,2-Dibromoethane	11.087	107	14599	19.773	ug/l	100
64) Tetrachloroethene	10.715	164	19866	18.670	ug/l	95
65) Chlorobenzene	11.514	112	58609	18.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	18055	18.024	ug/l	99
67) Ethyl Benzene	11.587	91	108261	19.200	ug/l	100
68) m/p-Xylenes	11.697	106	81254	38.270	ug/l	100
69) o-Xylene	12.026	106	38803	18.985	ug/l	98
70) Styrene	12.038	104	62462	18.705	ug/l	97
71) Bromoform	12.209	173	8826	16.725	ug/l #	98
73) Isopropylbenzene	12.325	105	99388	18.806	ug/l	97
74) N-amyl acetate	12.142	43	26435	20.550	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	17825	19.160	ug/l	98
76) 1,2,3-Trichloropropane	12.623	75	14436m	22.732	ug/l	
77) Bromobenzene	12.605	156	20306	18.097	ug/l	85
78) n-propylbenzene	12.666	91	121342	19.130	ug/l	98
79) 2-Chlorotoluene	12.751	91	67334	19.527	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	78787	19.141	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5801	19.192	ug/l	92
82) 4-Chlorotoluene	12.849	91	68718	19.804	ug/l	98
83) tert-Butylbenzene	13.068	119	70201	18.444	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	79294	19.677	ug/l	98
85) sec-Butylbenzene	13.245	105	107130	19.112	ug/l	97
86) p-Isopropyltoluene	13.367	119	86145	19.042	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	40681	18.379	ug/l	95
88) 1,4-Dichlorobenzene	13.440	146	40940	18.827	ug/l	95
89) n-Butylbenzene	13.696	91	83712	19.473	ug/l	99
90) Hexachloroethane	13.959	117	14861	17.526	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	36716	19.063	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2828	19.976	ug/l	71
93) 1,2,4-Trichlorobenzene	15.001	180	18647	17.901	ug/l	99
94) Hexachlorobutadiene	15.111	225	8905	16.096	ug/l	91
95) Naphthalene	15.233	128	37708	18.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	15745	17.865	ug/l	97

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

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