

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012518.D
 Acq On : 07 Feb 2023 14:58
 Operator : KP/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Quant Time: Feb 08 01:43:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94697	51.899	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.800%			
35) Dibromofluoromethane	7.715	113	80665	52.156	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.320%			
50) Toluene-d8	10.178	98	337877	52.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.483	95	114357	50.929	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25361	23.115	ug/l	98
3) Chloromethane	2.113	50	23254	20.800	ug/l	93
4) Vinyl Chloride	2.253	62	29120	20.907	ug/l	99
5) Bromomethane	2.643	94	25060	23.094	ug/l	96
6) Chloroethane	2.790	64	20161	20.795	ug/l	94
7) Trichlorofluoromethane	3.125	101	60230	21.038	ug/l	98
8) Diethyl Ether	3.527	74	17258	20.329	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	30107	20.825	ug/l	99
10) Methyl Iodide	4.094	142	35101	18.728	ug/l	99
11) Tert butyl alcohol	4.942	59	19907	107.844	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	30127	21.090	ug/l	98
13) Acrolein	3.722	56	22673	105.699	ug/l	100
14) Allyl chloride	4.478	41	35816	20.564	ug/l	99
15) Acrylonitrile	5.161	53	41390	105.680	ug/l	99
16) Acetone	3.948	43	43879	99.915	ug/l	98
17) Carbon Disulfide	4.192	76	80380	21.694	ug/l	98
18) Methyl Acetate	4.478	43	21720	20.577	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	87868	21.021	ug/l	98
20) Methylene Chloride	4.716	84	39795	21.885	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	32214	20.678	ug/l	96
22) Diisopropyl ether	6.118	45	75262	21.252	ug/l	94
23) Vinyl Acetate	6.057	43	228673	107.109	ug/l	100
24) 1,1-Dichloroethane	6.015	63	52880	20.887	ug/l	98
25) 2-Butanone	6.978	43	50001	102.617	ug/l	99
26) 2,2-Dichloropropane	6.978	77	56576	20.339	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	37444	20.711	ug/l	100
28) Bromochloromethane	7.337	49	19792	21.506	ug/l	96
29) Tetrahydrofuran	7.344	42	28257	107.270	ug/l	99
30) Chloroform	7.502	83	61769	20.236	ug/l	100
31) Cyclohexane	7.783	56	44059	20.885	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	60954	20.579	ug/l	99
36) 1,1-Dichloropropene	7.917	75	43739	20.896	ug/l	99
37) Ethyl Acetate	7.075	43	19616	20.768	ug/l	100
38) Carbon Tetrachloride	7.898	117	57915	20.612	ug/l	100
39) Methylcyclohexane	9.185	83	53639	21.296	ug/l	99
40) Benzene	8.161	78	128511	20.787	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10302m	19.909	ug/l	
42) 1,2-Dichloroethane	8.234	62	42840	21.379	ug/l	99
43) Isopropyl Acetate	8.270	43	37461	21.391	ug/l	100
44) Trichloroethene	8.941	130	38951	20.697	ug/l	95
45) 1,2-Dichloropropane	9.215	63	27843	20.769	ug/l	99
46) Dibromomethane	9.301	93	18439	20.773	ug/l	98
47) Bromodichloromethane	9.496	83	47745	20.745	ug/l	99
48) Methyl methacrylate	9.288	41	16433	20.529	ug/l	98
49) 1,4-Dioxane	9.288	88	5240	427.630	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	101524	107.452	ug/l	99
52) Toluene	10.245	92	86647	20.667	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	47760	20.593	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	52282	20.832	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	27148	20.931	ug/l	98
56) Ethyl methacrylate	10.508	69	34680	21.282	ug/l	100
57) 1,3-Dichloropropane	10.788	76	43545	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	82881	113.157	ug/l	100
59) 2-Hexanone	10.831	43	76869	107.656	ug/l	100
60) Dibromochloromethane	10.983	129	36102	20.881	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25553	21.027	ug/l	98
64) Tetrachloroethene	10.721	164	43631	21.218	ug/l	95
65) Chlorobenzene	11.520	112	95805	20.508	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	37751	20.621	ug/l	98
67) Ethyl Benzene	11.593	91	169074	20.615	ug/l	100
68) m/p-Xylenes	11.703	106	132426	40.452	ug/l	98
69) o-Xylene	12.032	106	64756	20.771	ug/l	99
70) Styrene	12.044	104	109188	20.651	ug/l	100
71) Bromoform	12.209	173	24165	20.884	ug/l #	99
73) Isopropylbenzene	12.330	105	174340	20.406	ug/l	99
74) N-amyl acetate	12.141	43	32987	21.330	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	27757	20.093	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	25937m	21.985	ug/l	
77) Bromobenzene	12.611	156	41688	20.132	ug/l	100
78) n-propylbenzene	12.672	91	204437	20.790	ug/l	99
79) 2-Chlorotoluene	12.757	91	113736	20.375	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	153945	20.932	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10917	20.867	ug/l	98
82) 4-Chlorotoluene	12.855	91	121394	20.731	ug/l	100
83) tert-Butylbenzene	13.074	119	131276	20.355	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	149535	20.664	ug/l	100
85) sec-Butylbenzene	13.251	105	191437	20.749	ug/l	100
86) p-Isopropyltoluene	13.367	119	166928	20.855	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	85021	20.636	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	83513	20.236	ug/l	98
89) n-Butylbenzene	13.696	91	143259	20.942	ug/l	99
90) Hexachloroethane	13.958	117	29677	20.200	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	75294	20.315	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5828	21.200	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	48173	20.976	ug/l	99
94) Hexachlorobutadiene	15.110	225	30019	21.041	ug/l	98
95) Naphthalene	15.239	128	91143	20.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	40819	20.534	ug/l	99

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

