

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011941.D
 Acq On : 21 Dec 2022 13:02
 Operator : KP/MD
 Sample : VY1221SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS01

Quant Time: Dec 22 00:12:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/22/2022
 Supervised By :Mahesh Dadoda 12/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	213359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111416	51.832	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.716	113	99816	50.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.179	98	407884	51.124	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.483	95	138223	51.513	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21980	14.746	ug/l	95
3) Chloromethane	2.113	50	30194	15.901	ug/l	97
4) Vinyl Chloride	2.253	62	34169	16.317	ug/l	98
5) Bromomethane	2.644	94	28514	19.139	ug/l	95
6) Chloroethane	2.790	64	24105	17.610	ug/l	93
7) Trichlorofluoromethane	3.125	101	69409	18.934	ug/l	100
8) Diethyl Ether	3.528	74	23543	20.814	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	39503	19.575	ug/l	99
10) Methyl Iodide	4.088	142	45128	16.163	ug/l	96
11) Tert butyl alcohol	4.954	59	27700	111.889	ug/l	97
12) 1,1-Dichloroethene	3.869	96	39067	19.353	ug/l	98
13) Acrolein	3.729	56	23571	117.305	ug/l	100
14) Allyl chloride	4.479	41	57366	19.298	ug/l	97
15) Acrylonitrile	5.161	53	59518	113.117	ug/l	99
16) Acetone	3.942	43	55109	89.072	ug/l	100
17) Carbon Disulfide	4.192	76	113926	17.693	ug/l	99
18) Methyl Acetate	4.479	43	32710	22.022	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	109276	21.098	ug/l	98
20) Methylene Chloride	4.710	84	61458	21.402	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	44778	19.523	ug/l	99
22) Diisopropyl ether	6.119	45	124019	21.183	ug/l	95
23) Vinyl Acetate	6.058	43	360035	106.885	ug/l	97
24) 1,1-Dichloroethane	6.015	63	75874	19.937	ug/l	98
25) 2-Butanone	6.984	43	75533	105.489	ug/l	99
26) 2,2-Dichloropropane	6.978	77	73115	19.634	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	51486	20.754	ug/l	98
28) Bromochloromethane	7.332	49	21587	20.671	ug/l	92
29) Tetrahydrofuran	7.344	42	46412	114.404	ug/l	96
30) Chloroform	7.509	83	84643	20.635	ug/l	99
31) Cyclohexane	7.789	56	69109	19.098	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	78565	20.137	ug/l	99
36) 1,1-Dichloropropene	7.917	75	62838	19.922	ug/l	99
37) Ethyl Acetate	7.070	43	32369	22.873	ug/l	98
38) Carbon Tetrachloride	7.899	117	74489	20.448	ug/l	96
39) Methylcyclohexane	9.185	83	74899	19.734	ug/l	98
40) Benzene	8.161	78	183985	20.382	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	16761m	24.493	ug/l	
42) 1,2-Dichloroethane	8.234	62	55706	21.437	ug/l	100
43) Isopropyl Acetate	8.271	43	57355	22.191	ug/l	98
44) Trichloroethene	8.935	130	51881	20.391	ug/l	97
45) 1,2-Dichloropropane	9.216	63	43313	20.767	ug/l	96
46) Dibromomethane	9.301	93	25472	21.202	ug/l	98
47) Bromodichloromethane	9.496	83	64122	21.038	ug/l	98
48) Methyl methacrylate	9.289	41	26789	22.386	ug/l	98
49) 1,4-Dioxane	9.295	88	7120	496.390	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	160612	116.542	ug/l	99
52) Toluene	10.246	92	120085	20.880	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	66526	21.601	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	74212	21.438	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	37631	22.073	ug/l	97
56) Ethyl methacrylate	10.508	69	48789	22.603	ug/l	97
57) 1,3-Dichloropropane	10.788	76	62171	21.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	92324	110.845	ug/l	96
59) 2-Hexanone	10.831	43	114559	112.991	ug/l	98
60) Dibromochloromethane	10.984	129	47363	22.054	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35729	22.401	ug/l	97
64) Tetrachloroethene	10.721	164	54128	20.620	ug/l	98
65) Chlorobenzene	11.514	112	128850	20.692	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	49763	21.479	ug/l	99
67) Ethyl Benzene	11.593	91	232435	20.650	ug/l	99
68) m/p-Xylenes	11.703	106	181925	41.560	ug/l	100
69) o-Xylene	12.032	106	85312	20.946	ug/l	99
70) Styrene	12.044	104	145336	21.252	ug/l	99
71) Bromoform	12.209	173	30473	22.197	ug/l #	98
73) Isopropylbenzene	12.331	105	231911	20.377	ug/l	99
74) N-amyl acetate	12.142	43	50458	21.625	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	42113	22.180	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	32446m	17.001	ug/l	
77) Bromobenzene	12.605	156	54294	20.620	ug/l	98
78) n-propylbenzene	12.672	91	283877	20.750	ug/l	100
79) 2-Chlorotoluene	12.758	91	158403	20.599	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	204010	20.936	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	15233	21.858	ug/l	98
82) 4-Chlorotoluene	12.855	91	165884	20.849	ug/l	100
83) tert-Butylbenzene	13.075	119	171138	20.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	200598	20.926	ug/l	99
85) sec-Butylbenzene	13.251	105	255588	20.726	ug/l	99
86) p-Isopropyltoluene	13.367	119	216690	20.825	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	109797	20.735	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	109571	20.814	ug/l	100
89) n-Butylbenzene	13.696	91	194295	20.627	ug/l	99
90) Hexachloroethane	13.959	117	40954	20.628	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	98908	21.425	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7606	23.310	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	58642	21.594	ug/l	100
94) Hexachlorobutadiene	15.111	225	37863	21.577	ug/l	99
95) Naphthalene	15.233	128	109904	21.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50332	21.921	ug/l	99

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

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