

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010908.D
 Acq On : 11 Oct 2022 11:15
 Operator : KP/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

Quant Time: Oct 12 04:44:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	429122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	381837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139612	52.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.300%			
35) Dibromofluoromethane	7.716	113	137104	48.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.260%			
50) Toluene-d8	10.179	98	522755	53.662	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.477	95	176387	46.055	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37421	20.453	ug/l	99
3) Chloromethane	2.113	50	58010	19.062	ug/l	94
4) Vinyl Chloride	2.247	62	68481	18.688	ug/l	99
5) Bromomethane	2.637	94	50415	19.389	ug/l	96
6) Chloroethane	2.784	64	46466	19.027	ug/l	100
7) Trichlorofluoromethane	3.119	101	97213	21.784	ug/l	94
8) Diethyl Ether	3.521	74	33308	23.201	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	57786	22.586	ug/l	95
10) Methyl Iodide	4.088	142	66227	19.364	ug/l	92
11) Tert butyl alcohol	4.942	59	47473	191.204	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	54853	21.969	ug/l	89
13) Acrolein	3.729	56	20954	105.114	ug/l	97
14) Allyl chloride	4.472	41	84188	22.524	ug/l #	91
15) Acrylonitrile	5.155	53	85202	121.822	ug/l	97
16) Acetone	3.942	43	74700	109.873	ug/l #	87
17) Carbon Disulfide	4.192	76	169109	20.958	ug/l	98
18) Methyl Acetate	4.478	43	44764	25.775	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	148386	22.702	ug/l	98
20) Methylene Chloride	4.710	84	82080	24.932	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	63176	21.668	ug/l	88
22) Diisopropyl ether	6.118	45	184297	22.483	ug/l	92
23) Vinyl Acetate	6.057	43	548470	110.457	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	112633	22.563	ug/l	100
25) 2-Butanone	6.978	43	112860	115.463	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	104288	22.009	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	72119	22.289	ug/l	90
28) Bromochloromethane	7.332	49	22528	15.752	ug/l	90
29) Tetrahydrofuran	7.344	42	69273	120.517	ug/l #	87
30) Chloroform	7.502	83	114734	22.271	ug/l	99
31) Cyclohexane	7.783	56	99440	20.753	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	101995	21.978	ug/l	96
36) 1,1-Dichloropropene	7.917	75	88279	21.468	ug/l	97
37) Ethyl Acetate	7.076	43	48348	23.959	ug/l #	94
38) Carbon Tetrachloride	7.899	117	92247	21.538	ug/l	98
39) Methylcyclohexane	9.179	83	105333	20.854	ug/l	92
40) Benzene	8.155	78	258557	21.827	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	25875m	23.343	ug/l	
42) 1,2-Dichloroethane	8.234	62	73024	21.805	ug/l	92
43) Isopropyl Acetate	8.270	43	82775	22.664	ug/l #	89
44) Trichloroethene	8.941	130	68990	21.510	ug/l	99
45) 1,2-Dichloropropane	9.215	63	63841	22.356	ug/l	99
46) Dibromomethane	9.301	93	36043	22.066	ug/l	97
47) Bromodichloromethane	9.496	83	87841	22.284	ug/l	98
48) Methyl methacrylate	9.289	41	39007	22.739	ug/l #	86
49) 1,4-Dioxane	9.289	88	9597	477.290	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	233490	116.852	ug/l	90
52) Toluene	10.240	92	163797	21.727	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	88702	21.734	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	101237	21.662	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	50717	22.128	ug/l	97
56) Ethyl methacrylate	10.508	69	65834	22.356	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	87567	22.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	113633	93.097	ug/l	97
59) 2-Hexanone	10.831	43	159415	115.191	ug/l	87
60) Dibromochloromethane	10.983	129	61229	22.281	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48333	22.117	ug/l	99
64) Tetrachloroethene	10.715	164	66235	21.877	ug/l	99
65) Chlorobenzene	11.514	112	170589	21.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	62457	21.610	ug/l	97
67) Ethyl Benzene	11.593	91	305022	21.434	ug/l	97
68) m/p-Xylenes	11.703	106	235617	42.307	ug/l	94
69) o-Xylene	12.026	106	110162	21.157	ug/l	93
70) Styrene	12.044	104	186202	21.219	ug/l	96
71) Bromoform	12.209	173	37704	21.916	ug/l #	99
73) Isopropylbenzene	12.331	105	291129	21.587	ug/l	99
74) N-amyl acetate	12.142	43	69244	22.341	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	58807	23.340	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	44428m	23.915	ug/l	
77) Bromobenzene	12.605	156	66460	21.482	ug/l	99
78) n-propylbenzene	12.672	91	354346	21.574	ug/l	99
79) 2-Chlorotoluene	12.757	91	197463	21.489	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	247679	21.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20587	23.149	ug/l	86
82) 4-Chlorotoluene	12.849	91	204410	21.274	ug/l	99
83) tert-Butylbenzene	13.074	119	209255	21.519	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	245486	21.890	ug/l	100
85) sec-Butylbenzene	13.251	105	314563	21.490	ug/l	100
86) p-Isopropyltoluene	13.367	119	260598	21.220	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	133669	21.287	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	132496	21.309	ug/l	99
89) n-Butylbenzene	13.696	91	241131	21.337	ug/l	99
90) Hexachloroethane	13.958	117	51728	22.021	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	119195	21.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9659	23.840	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	69960	21.786	ug/l	99
94) Hexachlorobutadiene	15.111	225	41613	21.017	ug/l	98
95) Naphthalene	15.233	128	145157	23.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	59198	21.625	ug/l	98

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

