

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010887.D
 Acq On : 10 Oct 2022 13:03
 Operator : KP/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 09:43:56 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	255565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137913	53.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.710	113	135185	49.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.300%	
50) Toluene-d8	10.179	98	525378	55.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.477	95	174617	47.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	37600	21.237	ug/l	100
3) Chloromethane	2.113	50	57102	19.390	ug/l	97
4) Vinyl Chloride	2.247	62	64056	18.064	ug/l	99
5) Bromomethane	2.637	94	45156	17.946	ug/l	99
6) Chloroethane	2.784	64	43039	18.212	ug/l	100
7) Trichlorofluoromethane	3.119	101	91684	21.231	ug/l	97
8) Diethyl Ether	3.521	74	32024	23.051	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	54554	22.035	ug/l	95
10) Methyl Iodide	4.088	142	64433	19.468	ug/l	91
11) Tert butyl alcohol	4.942	59	61448	275.368	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	53169	22.005	ug/l	87
13) Acrolein	3.723	56	22232	116.737	ug/l	100
14) Allyl chloride	4.472	41	84060	23.241	ug/l #	89
15) Acrylonitrile	5.155	53	83118	122.810	ug/l	97
16) Acetone	3.942	43	76141	115.731	ug/l #	84
17) Carbon Disulfide	4.186	76	168661	21.600	ug/l	99
18) Methyl Acetate	4.472	43	44549	26.508	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	141844	22.426	ug/l	97
20) Methylene Chloride	4.710	84	88106	28.292	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	61218	21.698	ug/l	89
22) Diisopropyl ether	6.112	45	184414	23.248	ug/l #	92
23) Vinyl Acetate	6.057	43	536659	111.687	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	110193	22.811	ug/l	98
25) 2-Butanone	6.984	43	112765	119.217	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	100346	21.884	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	69089	22.065	ug/l	93
28) Bromochloromethane	7.326	49	22591	16.152	ug/l	92
29) Tetrahydrofuran	7.344	42	68745	123.591	ug/l	88
30) Chloroform	7.502	83	109844	22.034	ug/l	96
31) Cyclohexane	7.783	56	98261	21.192	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	97578	21.728	ug/l	97
36) 1,1-Dichloropropene	7.917	75	85604	21.561	ug/l	98
37) Ethyl Acetate	7.076	43	46614	23.925	ug/l #	93
38) Carbon Tetrachloride	7.899	117	86889	21.011	ug/l	100
39) Methylcyclohexane	9.179	83	101490	20.810	ug/l	94
40) Benzene	8.155	78	252561	22.082	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21183m	20.185	ug/l	
42) 1,2-Dichloroethane	8.234	62	70034	21.659	ug/l	90
43) Isopropyl Acetate	8.270	43	81935	23.235	ug/l #	91
44) Trichloroethene	8.935	130	66645	21.521	ug/l	99
45) 1,2-Dichloropropane	9.215	63	62331	22.606	ug/l	91
46) Dibromomethane	9.301	93	34706	22.006	ug/l	96
47) Bromodichloromethane	9.496	83	83555	21.953	ug/l	98
48) Methyl methacrylate	9.289	41	37419	22.592	ug/l #	82
49) 1,4-Dioxane	9.295	88	9548	491.809	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	228374	118.373	ug/l	90
52) Toluene	10.240	92	156579	21.511	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	85431	21.680	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	99498	22.050	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	49879	22.540	ug/l	98
56) Ethyl methacrylate	10.508	69	64070	22.534	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	85983	22.853	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	115554	96.679	ug/l	98
59) 2-Hexanone	10.831	43	155023	116.018	ug/l	87
60) Dibromochloromethane	10.983	129	58563	22.072	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46973	22.262	ug/l	99
64) Tetrachloroethene	10.715	164	63088	21.387	ug/l	96
65) Chlorobenzene	11.514	112	165809	21.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60912	21.630	ug/l	97
67) Ethyl Benzene	11.593	91	293080	21.138	ug/l	100
68) m/p-Xylenes	11.703	106	228993	42.201	ug/l	94
69) o-Xylene	12.026	106	105298	20.756	ug/l	96
70) Styrene	12.044	104	180471	21.107	ug/l	96
71) Bromoform	12.209	173	36087	21.529	ug/l #	99
73) Isopropylbenzene	12.331	105	282439	21.279	ug/l	100
74) N-amyl acetate	12.142	43	68474	22.447	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	57484	23.180	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	42556m	23.275	ug/l	
77) Bromobenzene	12.605	156	65439	21.491	ug/l	99
78) n-propylbenzene	12.672	91	346054	21.407	ug/l	100
79) 2-Chlorotoluene	12.751	91	192085	21.239	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	241890	21.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	19996	22.845	ug/l	86
82) 4-Chlorotoluene	12.855	91	200057	21.155	ug/l	100
83) tert-Butylbenzene	13.074	119	201000	21.001	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	236779	21.453	ug/l	99
85) sec-Butylbenzene	13.251	105	303605	21.074	ug/l	100
86) p-Isopropyltoluene	13.367	119	253716	20.991	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	130875	21.177	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	127481	20.832	ug/l	99
89) n-Butylbenzene	13.696	91	237200	21.325	ug/l	100
90) Hexachloroethane	13.958	117	49414	21.373	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	115727	21.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9230	23.146	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	65806	20.821	ug/l	99
94) Hexachlorobutadiene	15.111	225	40892	20.984	ug/l	100
95) Naphthalene	15.233	128	129496	21.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57171	21.219	ug/l	98

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

