

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010957.D
 Acq On : 13 Oct 2022 14:34
 Operator : KP/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Oct 14 02:11:07 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	7.783	168	256696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184381	50.000	ug/l	0.00

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 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120802	46.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.716	113	118088	42.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.940%
50) Toluene-d8	10.179	98	444073	46.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.477	95	153627	40.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.340%

10/14/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	34510	19.406	ug/l	97
3) Chloromethane	2.113	50	50147	16.954	ug/l	94
4) Vinyl Chloride	2.247	62	57653	16.187	ug/l	99
5) Bromomethane	2.637	94	38451	15.214	ug/l	95
6) Chloroethane	2.784	64	38554	16.243	ug/l	99
7) Trichlorofluoromethane	3.119	101	83638	19.283	ug/l	95
8) Diethyl Ether	3.521	74	29851	21.392	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	51406	20.672	ug/l	94
10) Methyl Iodide	4.082	142	58589	17.625	ug/l	91
11) Tert butyl alcohol	4.942	59	35782	129.003	ug/l	98
12) 1,1-Dichloroethene	3.869	96	48431	19.956	ug/l	82
13) Acrolein	3.729	56	19071	97.444	ug/l	98
14) Allyl chloride	4.472	41	76132	20.956	ug/l #	88
15) Acrylonitrile	5.155	53	79548	117.017	ug/l	98
16) Acetone	3.942	43	68402	103.510	ug/l	91
17) Carbon Disulfide	4.186	76	147034	18.747	ug/l	98
18) Methyl Acetate	4.472	43	43684	25.879	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	132630	20.876	ug/l	98
20) Methylene Chloride	4.710	84	86116	27.375	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	55011	19.412	ug/l	91
22) Diisopropyl ether	6.118	45	169371	21.257	ug/l	91
23) Vinyl Acetate	6.051	43	502270	104.069	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	101128	20.842	ug/l	99
25) 2-Butanone	6.978	43	103735	109.187	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	88889	19.300	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	62972	20.023	ug/l	90
28) Bromochloromethane	7.332	49	20510	15.053	ug/l	92
29) Tetrahydrofuran	7.344	42	66059	118.239	ug/l #	88
30) Chloroform	7.502	83	102008	20.372	ug/l	99
31) Cyclohexane	7.783	56	90749	19.485	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	89604	19.864	ug/l	96
36) 1,1-Dichloropropene	7.917	75	77817	19.389	ug/l	99
37) Ethyl Acetate	7.069	43	44449	22.569	ug/l #	94
38) Carbon Tetrachloride	7.899	117	80478	19.252	ug/l	98
39) Methylcyclohexane	9.179	83	90590	18.376	ug/l	93
40) Benzene	8.155	78	228804	19.790	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21257m	20.057	ug/l	92
42) 1,2-Dichloroethane	8.234	62	65264	19.967	ug/l	92
43) Isopropyl Acetate	8.271	43	77064	21.619	ug/l #	91
44) Trichloroethene	8.935	130	60391	19.292	ug/l	98
45) 1,2-Dichloropropane	9.215	63	58779	21.089	ug/l	94
46) Dibromomethane	9.301	93	32895	20.634	ug/l	95
47) Bromodichloromethane	9.490	83	78898	20.507	ug/l	96
48) Methyl methacrylate	9.289	41	35821	21.395	ug/l #	81
49) 1,4-Dioxane	9.301	88	8967	456.922	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	218201	111.885	ug/l	89
52) Toluene	10.240	92	143594	19.515	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79463	19.949	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	90807	19.908	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	46438	20.760	ug/l	98
56) Ethyl methacrylate	10.508	69	60458	21.035	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	79442	20.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	108614	91.706	ug/l	97
59) 2-Hexanone	10.831	43	150343	111.307	ug/l	88
60) Dibromochloromethane	10.983	129	54488	20.316	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44401	20.817	ug/l	99
64) Tetrachloroethene	10.715	164	57973	19.579	ug/l	97
65) Chlorobenzene	11.514	112	151842	19.635	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	56046	19.828	ug/l	97
67) Ethyl Benzene	11.593	91	269779	19.384	ug/l	100
68) m/p-Xylenes	11.703	106	208286	38.241	ug/l	95
69) o-Xylene	12.026	106	96572	18.964	ug/l	95
70) Styrene	12.044	104	166982	19.457	ug/l	96
71) Bromoform	12.209	173	34675	20.609	ug/l #	100
73) Isopropylbenzene	12.325	105	255910	18.880	ug/l	100
74) N-amyl acetate	12.142	43	66372	21.305	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	55586	21.949	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	41265m	22.100	ug/l	
77) Bromobenzene	12.605	156	59540	19.148	ug/l	97
78) n-propylbenzene	12.672	91	320899	19.438	ug/l	99
79) 2-Chlorotoluene	12.758	91	179224	19.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	219771	19.170	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18900	21.144	ug/l	88
82) 4-Chlorotoluene	12.855	91	186068	19.266	ug/l	100
83) tert-Butylbenzene	13.075	119	183325	18.756	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	216943	19.247	ug/l	100
85) sec-Butylbenzene	13.251	105	278910	18.957	ug/l	99
86) p-Isopropyltoluene	13.367	119	230315	18.659	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	120040	19.020	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120313	19.252	ug/l	98
89) n-Butylbenzene	13.696	91	214827	18.913	ug/l	99
90) Hexachloroethane	13.959	117	45630	19.326	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	107816	19.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8925	21.916	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	60101	18.620	ug/l	99
94) Hexachlorobutadiene	15.111	225	36538	18.360	ug/l	97
95) Naphthalene	15.233	128	125163	20.346	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	53013	19.267	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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