

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010937.D
 Acq On : 12 Oct 2022 13:24
 Operator : KP/MD
 Sample : VY1012SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1012SBS02

Quant Time: Oct 13 05:34:26 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	245576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124757	50.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.240%	
35) Dibromofluoromethane	7.716	113	122429	46.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.060%	
50) Toluene-d8	10.179	98	468624	51.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.477	95	157628	43.907	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	35445	20.834	ug/l	98
3) Chloromethane	2.113	50	53035	18.742	ug/l	98
4) Vinyl Chloride	2.247	62	60933	17.883	ug/l	100
5) Bromomethane	2.644	94	41444	17.141	ug/l	99
6) Chloroethane	2.790	64	40824	17.978	ug/l	98
7) Trichlorofluoromethane	3.119	101	86369	20.814	ug/l	93
8) Diethyl Ether	3.528	74	29376	22.005	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	52498	22.067	ug/l	94
10) Methyl Iodide	4.088	142	62481	19.647	ug/l	92
11) Tert butyl alcohol	4.942	59	41413	174.642	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	50235	21.636	ug/l	85
13) Acrolein	3.723	56	17512	92.909	ug/l	97
14) Allyl chloride	4.473	41	79466	22.864	ug/l #	88
15) Acrylonitrile	5.155	53	74489	114.537	ug/l	97
16) Acetone	3.942	43	67525	106.810	ug/l #	85
17) Carbon Disulfide	4.192	76	154453	20.585	ug/l	99
18) Methyl Acetate	4.473	43	39960	24.745	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	129416	21.293	ug/l	96
20) Methylene Chloride	4.710	84	88751	29.940	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	57937	21.370	ug/l	85
22) Diisopropyl ether	6.119	45	172458	22.625	ug/l	92
23) Vinyl Acetate	6.058	43	489867	106.095	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	104276	22.464	ug/l	98
25) 2-Butanone	6.984	43	96576	106.255	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	93383	21.194	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	65086	21.632	ug/l	91
28) Bromochloromethane	7.332	49	21281	15.927	ug/l	95
29) Tetrahydrofuran	7.344	42	59637	111.578	ug/l	89
30) Chloroform	7.502	83	106213	22.172	ug/l	100
31) Cyclohexane	7.783	56	93645	21.018	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	92317	21.392	ug/l	97
36) 1,1-Dichloropropene	7.911	75	80137	20.870	ug/l	98
37) Ethyl Acetate	7.076	43	41889	22.231	ug/l #	94
38) Carbon Tetrachloride	7.899	117	82787	20.700	ug/l	98
39) Methylcyclohexane	9.185	83	96346	20.428	ug/l	88
40) Benzene	8.155	78	239065	21.613	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22360m	21.795	ug/l	
42) 1,2-Dichloroethane	8.234	62	65595	20.977	ug/l	92
43) Isopropyl Acetate	8.271	43	71222	20.884	ug/l #	88
44) Trichloroethene	8.935	130	61832	20.646	ug/l	91
45) 1,2-Dichloropropane	9.216	63	60294	22.612	ug/l	98
46) Dibromomethane	9.301	93	31734	20.806	ug/l	96
47) Bromodichloromethane	9.490	83	79707	21.655	ug/l	97
48) Methyl methacrylate	9.289	41	33506	20.918	ug/l #	82
49) 1,4-Dioxane	9.295	88	7786	414.696	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	196598	105.370	ug/l	89
52) Toluene	10.240	92	149845	21.286	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	79765	20.931	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	93747	21.482	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	45768	21.386	ug/l	97
56) Ethyl methacrylate	10.508	69	57779	21.012	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	79227	21.774	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	100591	89.600	ug/l	98
59) 2-Hexanone	10.831	43	134268	103.904	ug/l	88
60) Dibromochloromethane	10.984	129	54740	21.333	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43231	21.186	ug/l	100
64) Tetrachloroethene	10.715	164	59749	21.141	ug/l	97
65) Chlorobenzene	11.514	112	156452	21.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	56076	20.784	ug/l	97
67) Ethyl Benzene	11.593	91	276359	20.803	ug/l	98
68) m/p-Xylenes	11.703	106	214841	41.324	ug/l	95
69) o-Xylene	12.026	106	99847	20.542	ug/l	94
70) Styrene	12.044	104	169654	20.710	ug/l	96
71) Bromoform	12.209	173	33198	20.671	ug/l #	99
73) Isopropylbenzene	12.331	105	266795	21.326	ug/l	99
74) N-amyl acetate	12.142	43	59595	20.728	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	53000	22.676	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	38757m	22.490	ug/l	
77) Bromobenzene	12.605	156	60530	21.092	ug/l	99
78) n-propylbenzene	12.666	91	327651	21.505	ug/l	100
79) 2-Chlorotoluene	12.758	91	184121	21.600	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	226018	21.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17174	20.818	ug/l	88
82) 4-Chlorotoluene	12.855	91	188259	21.121	ug/l	99
83) tert-Butylbenzene	13.075	119	189569	21.015	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	224829	21.612	ug/l	99
85) sec-Butylbenzene	13.251	105	289522	21.322	ug/l	100
86) p-Isopropyltoluene	13.367	119	237865	20.880	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	120984	20.770	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	121380	21.045	ug/l	99
89) n-Butylbenzene	13.696	91	221275	21.107	ug/l	99
90) Hexachloroethane	13.959	117	46806	21.480	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	105640	20.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7921	21.075	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	58012	19.474	ug/l	99
94) Hexachlorobutadiene	15.111	225	35733	19.455	ug/l	97
95) Naphthalene	15.233	128	109684	19.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49427	19.464	ug/l	99

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

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