

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021023\
 Data File : VY012572.D
 Acq On : 10 Feb 2023 11:10
 Operator : KP/MD
 Sample : VY0210SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Quant Time: Feb 10 12:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89308	52.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.320%			
35) Dibromofluoromethane	7.716	113	77345	53.399	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.800%			
50) Toluene-d8	10.179	98	320605	53.179	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.477	95	108626	51.656	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23890	23.480	ug/l	97
3) Chloromethane	2.113	50	21799	20.979	ug/l	98
4) Vinyl Chloride	2.247	62	27595	21.317	ug/l	100
5) Bromomethane	2.644	94	23245	23.042	ug/l	98
6) Chloroethane	2.790	64	19397	21.527	ug/l	99
7) Trichlorofluoromethane	3.119	101	57246	21.514	ug/l	99
8) Diethyl Ether	3.527	74	16954	21.488	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	28502	21.212	ug/l	99
10) Methyl Iodide	4.088	142	34540	19.829	ug/l	100
11) Tert butyl alcohol	4.942	59	15119	86.408	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	27358	20.607	ug/l	97
13) Acrolein	3.723	56	20314	101.895	ug/l	98
14) Allyl chloride	4.479	41	31634	19.542	ug/l	97
15) Acrylonitrile	5.155	53	38196	104.933	ug/l	98
16) Acetone	3.942	43	40892	100.186	ug/l	99
17) Carbon Disulfide	4.192	76	72451	21.040	ug/l	98
18) Methyl Acetate	4.472	43	20227	20.618	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	82922	21.345	ug/l	97
20) Methylene Chloride	4.710	84	36458	21.507	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	30836	21.297	ug/l	97
22) Diisopropyl ether	6.112	45	69724	21.183	ug/l	94
23) Vinyl Acetate	6.058	43	208423	105.039	ug/l	98
24) 1,1-Dichloroethane	6.015	63	48742	20.715	ug/l	98
25) 2-Butanone	6.978	43	46609	102.922	ug/l	98
26) 2,2-Dichloropropane	6.978	77	52876	20.453	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	35540	21.151	ug/l	98
28) Bromochloromethane	7.332	49	17828	20.844	ug/l	99
29) Tetrahydrofuran	7.344	42	25657	104.798	ug/l	96
30) Chloroform	7.502	83	59773	21.070	ug/l	92
31) Cyclohexane	7.783	56	39885	20.342	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	58552	21.269	ug/l	99
36) 1,1-Dichloropropene	7.917	75	40384	20.601	ug/l	98
37) Ethyl Acetate	7.070	43	18382	20.781	ug/l	99
38) Carbon Tetrachloride	7.893	117	55415	21.059	ug/l	99
39) Methylcyclohexane	9.185	83	49058	20.797	ug/l	98
40) Benzene	8.155	78	122073	21.083	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10415m	21.491	ug/l	
42) 1,2-Dichloroethane	8.234	62	41284	21.999	ug/l	98
43) Isopropyl Acetate	8.271	43	33807	20.613	ug/l	98
44) Trichloroethene	8.941	130	37378	21.207	ug/l	98
45) 1,2-Dichloropropane	9.216	63	25685	20.458	ug/l	98
46) Dibromomethane	9.301	93	18074	21.742	ug/l	98
47) Bromodichloromethane	9.496	83	44468	20.630	ug/l	97
48) Methyl methacrylate	9.289	41	15439	20.595	ug/l	96
49) 1,4-Dioxane	9.301	88	5080	442.671	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	94204	106.462	ug/l	99
52) Toluene	10.240	92	82593	21.035	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	45762	21.069	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	49146	20.909	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	26512	21.826	ug/l	97
56) Ethyl methacrylate	10.508	69	32937	21.582	ug/l	96
57) 1,3-Dichloropropane	10.788	76	41503	21.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	78709	114.745	ug/l	98
59) 2-Hexanone	10.831	43	72428	108.312	ug/l	100
60) Dibromochloromethane	10.983	129	34690	21.424	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24509	21.534	ug/l	98
64) Tetrachloroethene	10.721	164	43339	22.281	ug/l	98
65) Chlorobenzene	11.514	112	91655	20.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37347	21.567	ug/l	97
67) Ethyl Benzene	11.593	91	160122	20.640	ug/l	98
68) m/p-Xylenes	11.703	106	130113	42.017	ug/l	97
69) o-Xylene	12.026	106	62132	21.068	ug/l	100
70) Styrene	12.044	104	105289	21.051	ug/l	99
71) Bromoform	12.209	173	23940	21.872	ug/l #	100
73) Isopropylbenzene	12.331	105	167505	19.512	ug/l	99
74) N-amyl acetate	12.142	43	30883	19.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	27370	19.717	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	22364m	18.865	ug/l	
77) Bromobenzene	12.605	156	41446	19.918	ug/l	97
78) n-propylbenzene	12.672	91	194252	19.659	ug/l	99
79) 2-Chlorotoluene	12.758	91	110545	19.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	148033	20.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10323	19.636	ug/l	96
82) 4-Chlorotoluene	12.855	91	115324	19.599	ug/l	99
83) tert-Butylbenzene	13.075	119	126788	19.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	146673	20.170	ug/l	100
85) sec-Butylbenzene	13.251	105	183200	19.760	ug/l	99
86) p-Isopropyltoluene	13.367	119	162999	20.266	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	84480	20.405	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	82626	19.924	ug/l	98
89) n-Butylbenzene	13.696	91	135533	19.717	ug/l	99
90) Hexachloroethane	13.959	117	29720	20.131	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	75009	20.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5590	20.236	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	48469	21.003	ug/l	97
94) Hexachlorobutadiene	15.111	225	30080	20.982	ug/l	99
95) Naphthalene	15.233	128	92043	20.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	41107	20.579	ug/l	98

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

