

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012076.D
 Acq On : 05 Jan 2023 15:40
 Operator : KP/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

Quant Time: Jan 05 23:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/06/2023
 Supervised By :Mahesh Dadoda 01/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95824	50.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.180%			
35) Dibromofluoromethane	7.716	113	87191	51.129	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.179	98	336441	48.627	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.260%			
62) 4-Bromofluorobenzene	12.477	95	120336	51.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37544	26.268	ug/l	98
3) Chloromethane	2.113	50	34418	20.568	ug/l	97
4) Vinyl Chloride	2.247	62	39058	21.165	ug/l	97
5) Bromomethane	2.637	94	28962	22.059	ug/l	98
6) Chloroethane	2.790	64	25400	21.057	ug/l	99
7) Trichlorofluoromethane	3.119	101	74761	23.142	ug/l	98
8) Diethyl Ether	3.521	74	21836	21.907	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	38973	21.915	ug/l	96
10) Methyl Iodide	4.088	142	51275	20.839	ug/l	95
11) Tert butyl alcohol	4.936	59	37136	191.788	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	38446	21.613	ug/l	98
13) Acrolein	3.723	56	15740	88.889	ug/l	99
14) Allyl chloride	4.472	41	50747	19.372	ug/l	90
15) Acrylonitrile	5.161	53	49091	105.874	ug/l	99
16) Acetone	3.942	43	47374	87.008	ug/l	95
17) Carbon Disulfide	4.186	76	119256	21.016	ug/l	100
18) Methyl Acetate	4.472	43	25797	19.709	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	104121	22.812	ug/l	94
20) Methylene Chloride	4.710	84	50471	19.478	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	43347	21.446	ug/l	93
22) Diisopropyl ether	6.112	45	104482	20.251	ug/l #	90
23) Vinyl Acetate	6.051	43	308122	103.801	ug/l	95
24) 1,1-Dichloroethane	6.015	63	69451	20.709	ug/l	96
25) 2-Butanone	6.978	43	62376	98.854	ug/l	95
26) 2,2-Dichloropropane	6.978	77	73704	22.459	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	46988	21.494	ug/l	98
28) Bromochloromethane	7.326	49	16518	17.949	ug/l	84
29) Tetrahydrofuran	7.338	42	36715	102.698	ug/l	90
30) Chloroform	7.502	83	78359	21.678	ug/l	99
31) Cyclohexane	7.783	56	63464	19.902	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	76813	22.341	ug/l	98
36) 1,1-Dichloropropene	7.911	75	58931	21.544	ug/l	97
37) Ethyl Acetate	7.070	43	27359	22.293	ug/l #	95
38) Carbon Tetrachloride	7.899	117	73158	23.158	ug/l	95
39) Methylcyclohexane	9.179	83	71302	21.663	ug/l	95
40) Benzene	8.155	78	169749	21.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12448m	20.976	ug/l	
42) 1,2-Dichloroethane	8.234	62	52279	23.199	ug/l	98
43) Isopropyl Acetate	8.271	43	47941	21.389	ug/l #	94
44) Trichloroethene	8.935	130	48369	21.922	ug/l	94
45) 1,2-Dichloropropane	9.209	63	36663	20.271	ug/l	96
46) Dibromomethane	9.301	93	23443	22.502	ug/l	96
47) Bromodichloromethane	9.496	83	57911	21.910	ug/l	98
48) Methyl methacrylate	9.289	41	22681	21.856	ug/l	96
49) 1,4-Dioxane	9.295	88	5888	473.360	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	127185	106.419	ug/l	97
52) Toluene	10.240	92	110920	22.240	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	59750	22.372	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	67274	22.409	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	33150	22.423	ug/l	95
56) Ethyl methacrylate	10.508	69	41785	22.323	ug/l	96
57) 1,3-Dichloropropane	10.788	76	54289	22.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	74123	102.621	ug/l	91
59) 2-Hexanone	10.831	43	89847	102.188	ug/l	96
60) Dibromochloromethane	10.983	129	43064	23.122	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31551	22.811	ug/l	97
64) Tetrachloroethene	10.715	164	52724	23.490	ug/l	98
65) Chlorobenzene	11.514	112	118707	22.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	45554	22.996	ug/l	97
67) Ethyl Benzene	11.593	91	210891	21.913	ug/l	100
68) m/p-Xylenes	11.703	106	168139	44.922	ug/l	98
69) o-Xylene	12.026	106	78653	22.585	ug/l	99
70) Styrene	12.044	104	133051	22.754	ug/l	99
71) Bromoform	12.203	173	27928	23.793	ug/l #	99
73) Isopropylbenzene	12.325	105	212874	21.271	ug/l	99
74) N-amyl acetate	12.142	43	40828	19.900	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33832	20.265	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	31584m	18.821	ug/l	
77) Bromobenzene	12.605	156	50499	21.811	ug/l	93
78) n-propylbenzene	12.672	91	251382	20.897	ug/l	99
79) 2-Chlorotoluene	12.758	91	141666	20.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	182630	21.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12968	21.162	ug/l	97
82) 4-Chlorotoluene	12.849	91	148686	21.252	ug/l	99
83) tert-Butylbenzene	13.075	119	158525	21.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	181161	21.492	ug/l	100
85) sec-Butylbenzene	13.251	105	228684	21.090	ug/l	98
86) p-Isopropyltoluene	13.367	119	200750	21.942	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	100292	21.539	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98458	21.270	ug/l	100
89) n-Butylbenzene	13.696	91	171720	20.733	ug/l	98
90) Hexachloroethane	13.959	117	35775	20.493	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	88443	21.788	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6406	22.327	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52771	22.099	ug/l	99
94) Hexachlorobutadiene	15.111	225	33806	21.910	ug/l	98
95) Naphthalene	15.233	128	98036	21.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	44475	22.029	ug/l	99

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

