

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012064.D
 Acq On : 04 Jan 2023 12:26
 Operator : KP/MD
 Sample : VY0104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0104SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jan 05 00:39:16 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

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

Internal Standards						01/05/2023
1) Pentafluorobenzene	7.782	168	187786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	282835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140709	50.000	ug/l	0.00
System Monitoring Compounds						01/05/2023
33) 1,2-Dichloroethane-d4	8.136	65	95359	50.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.715	113	86274	50.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.178	98	339894	49.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.477	95	121520	52.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	36014	25.326	ug/l	98
3) Chloromethane	2.113	50	33152	19.836	ug/l	100
4) Vinyl Chloride	2.247	62	37840	20.530	ug/l	99
5) Bromomethane	2.637	94	28910	22.047	ug/l	92
6) Chloroethane	2.789	64	25241	20.951	ug/l	97
7) Trichlorofluoromethane	3.125	101	73190	22.684	ug/l	99
8) Diethyl Ether	3.527	74	21640	21.737	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	37582	21.159	ug/l	95
10) Methyl Iodide	4.088	142	47551	19.350	ug/l	96
11) Tert butyl alcohol	4.954	59	17559	69.010	ug/l #	88
12) 1,1-Dichloroethene	3.868	96	37202	20.939	ug/l	97
13) Acrolein	3.722	56	17055	96.436	ug/l	99
14) Allyl chloride	4.472	41	49100	18.767	ug/l	91
15) Acrylonitrile	5.155	53	48909	105.613	ug/l	99
16) Acetone	3.942	43	46639	85.835	ug/l	96
17) Carbon Disulfide	4.192	76	114984	20.289	ug/l	99
18) Methyl Acetate	4.478	43	25341	19.384	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	99101	21.739	ug/l	96
20) Methylene Chloride	4.710	84	52725	20.688	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	40746	20.184	ug/l	91
22) Diisopropyl ether	6.112	45	102039	19.802	ug/l #	93
23) Vinyl Acetate	6.057	43	298942	100.834	ug/l	96
24) 1,1-Dichloroethane	6.014	63	66329	19.803	ug/l	98
25) 2-Butanone	6.978	43	59446	94.328	ug/l	93
26) 2,2-Dichloropropane	6.978	77	66970	20.433	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	45722	20.941	ug/l	95
28) Bromochloromethane	7.331	49	16336	17.773	ug/l #	81
29) Tetrahydrofuran	7.343	42	35702	99.989	ug/l	89
30) Chloroform	7.502	83	74216	20.557	ug/l	100
31) Cyclohexane	7.782	56	61812	19.408	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	73184	21.312	ug/l	99
36) 1,1-Dichloropropene	7.917	75	57042	20.885	ug/l	98
37) Ethyl Acetate	7.069	43	26260	21.430	ug/l #	95
38) Carbon Tetrachloride	7.898	117	70674	22.405	ug/l	99
39) Methylcyclohexane	9.178	83	69594	21.176	ug/l	96
40) Benzene	8.154	78	161283	20.634	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	11763m	19.851	ug/l	96
42) 1,2-Dichloroethane	8.234	62	49753	22.111	ug/l	100
43) Isopropyl Acetate	8.270	43	46640	20.840	ug/l	96
44) Trichloroethene	8.935	130	46950	21.311	ug/l	97
45) 1,2-Dichloropropane	9.209	63	36115	19.998	ug/l	100
46) Dibromomethane	9.300	93	22952	22.064	ug/l	98
47) Bromodichloromethane	9.496	83	56155	21.278	ug/l	98
48) Methyl methacrylate	9.288	41	22016	21.247	ug/l	96
49) 1,4-Dioxane	9.294	88	6033	485.746	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	124057	103.958	ug/l	98
52) Toluene	10.239	92	107401	21.567	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	58269	21.850	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	63925	21.326	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	32335	21.904	ug/l	97
56) Ethyl methacrylate	10.508	69	41194	22.040	ug/l	93
57) 1,3-Dichloropropane	10.788	76	53502	21.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76244	105.716	ug/l	93
59) 2-Hexanone	10.831	43	90236	102.785	ug/l	97
60) Dibromochloromethane	10.983	129	41377	22.250	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30219	21.880	ug/l	100
64) Tetrachloroethene	10.715	164	51025	22.427	ug/l	98
65) Chlorobenzene	11.513	112	113252	20.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	43945	21.885	ug/l	98
67) Ethyl Benzene	11.593	91	205249	21.039	ug/l	98
68) m/p-Xylenes	11.696	106	163283	43.037	ug/l	99
69) o-Xylene	12.026	106	76065	21.548	ug/l	98
70) Styrene	12.044	104	129315	21.817	ug/l	99
71) Bromoform	12.202	173	27292	22.938	ug/l #	99
73) Isopropylbenzene	12.324	105	208210	19.941	ug/l	99
74) N-amyl acetate	12.141	43	40963	19.136	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	33931	19.479	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	32612m	18.626	ug/l	99
77) Bromobenzene	12.605	156	49447	20.470	ug/l	93
78) n-propylbenzene	12.672	91	246372	19.630	ug/l	99
79) 2-Chlorotoluene	12.751	91	138383	19.615	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	182419	20.406	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	12687	19.843	ug/l	98
82) 4-Chlorotoluene	12.855	91	145974	19.998	ug/l	99
83) tert-Butylbenzene	13.074	119	153745	20.293	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	179535	20.414	ug/l	99
85) sec-Butylbenzene	13.251	105	226961	20.061	ug/l	98
86) p-Isopropyltoluene	13.367	119	197616	20.701	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	98309	20.236	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98915	20.481	ug/l	100
89) n-Butylbenzene	13.696	91	171859	19.887	ug/l	98
90) Hexachloroethane	13.958	117	36454	20.014	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	87883	20.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	6733	22.492	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	54141	21.731	ug/l	100
94) Hexachlorobutadiene	15.110	225	34452	21.401	ug/l	100
95) Naphthalene	15.232	128	101789	21.329	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	46497	22.074	ug/l	99

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 Supervised By :Mahesh
 Dadoda

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

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Dadoda

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