

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010888.D
 Acq On : 10 Oct 2022 13:25
 Operator : KP/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 09:44:17 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	7.789	168	257633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	422234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	136055	52.100	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.200%			
35) Dibromofluoromethane	7.716	113	131429	46.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.780%			
50) Toluene-d8	10.179	98	516809	53.917	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.477	95	168701	44.656	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37459	20.987	ug/l	100
3) Chloromethane	2.113	50	57086	19.229	ug/l	96
4) Vinyl Chloride	2.247	62	64296	17.986	ug/l	98
5) Bromomethane	2.638	94	44039	17.362	ug/l	100
6) Chloroethane	2.784	64	42480	17.832	ug/l	98
7) Trichlorofluoromethane	3.119	101	91701	21.065	ug/l	90
8) Diethyl Ether	3.528	74	30918	22.077	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	55298	22.156	ug/l	93
10) Methyl Iodide	4.088	142	65503	19.633	ug/l	92
11) Tert butyl alcohol	4.930	59	62204	276.684	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	52776	21.667	ug/l	86
13) Acrolein	3.723	56	21146	109.271	ug/l	95
14) Allyl chloride	4.473	41	84146	23.078	ug/l #	89
15) Acrylonitrile	5.155	53	83334	122.141	ug/l	98
16) Acetone	3.942	43	72071	108.666	ug/l #	87
17) Carbon Disulfide	4.186	76	166502	21.152	ug/l	99
18) Methyl Acetate	4.473	43	44413	26.215	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	140827	22.086	ug/l	99
20) Methylene Chloride	4.710	84	83859	26.387	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	60327	21.210	ug/l	91
22) Diisopropyl ether	6.112	45	180399	22.559	ug/l	96
23) Vinyl Acetate	6.058	43	536195	110.694	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	107609	22.098	ug/l	99
25) 2-Butanone	6.984	43	110697	116.091	ug/l	91
26) 2,2-Dichloropropane	6.978	77	99487	21.523	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	68777	21.789	ug/l	92
28) Bromochloromethane	7.332	49	22612	16.071	ug/l	93
29) Tetrahydrofuran	7.344	42	67929	121.144	ug/l #	88
30) Chloroform	7.503	83	107848	21.460	ug/l	99
31) Cyclohexane	7.783	56	100044	21.403	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	95885	21.179	ug/l	97
36) 1,1-Dichloropropene	7.911	75	85217	21.061	ug/l	99
37) Ethyl Acetate	7.070	43	47283	23.814	ug/l #	93
38) Carbon Tetrachloride	7.899	117	86653	20.562	ug/l	99
39) Methylcyclohexane	9.179	83	101183	20.359	ug/l	92
40) Benzene	8.155	78	249682	21.422	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21372m	20.010	ug/l	
42) 1,2-Dichloroethane	8.234	62	68471	20.779	ug/l	91
43) Isopropyl Acetate	8.271	43	79807	22.208	ug/l #	89
44) Trichloroethene	8.935	130	66151	20.961	ug/l	92
45) 1,2-Dichloropropane	9.216	63	61741	21.973	ug/l	96
46) Dibromomethane	9.301	93	34178	21.266	ug/l	95
47) Bromodichloromethane	9.496	83	82733	21.330	ug/l	97
48) Methyl methacrylate	9.289	41	37477	22.204	ug/l #	81
49) 1,4-Dioxane	9.301	88	9316	470.873	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	227087	115.502	ug/l	89
52) Toluene	10.240	92	155424	20.953	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	84435	21.026	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	97261	21.150	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	48950	21.706	ug/l	97
56) Ethyl methacrylate	10.508	69	62919	21.714	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	83781	21.851	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	113544	94.141	ug/l	97
59) 2-Hexanone	10.831	43	154331	113.337	ug/l	88
60) Dibromochloromethane	10.984	129	57159	21.140	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46422	21.589	ug/l	99
64) Tetrachloroethene	10.715	164	62420	21.058	ug/l	98
65) Chlorobenzene	11.514	112	163632	21.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59009	20.853	ug/l	96
67) Ethyl Benzene	11.593	91	287460	20.632	ug/l	99
68) m/p-Xylenes	11.697	106	222784	40.858	ug/l	96
69) o-Xylene	12.026	106	102808	20.167	ug/l	97
70) Styrene	12.044	104	176386	20.530	ug/l	97
71) Bromoform	12.209	173	36460	21.646	ug/l #	98
73) Isopropylbenzene	12.331	105	278294	21.494	ug/l	100
74) N-amyl acetate	12.142	43	67363	22.638	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	57139	23.621	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	42018m	23.559	ug/l	
77) Bromobenzene	12.605	156	63898	21.513	ug/l	99
78) n-propylbenzene	12.666	91	340397	21.587	ug/l	100
79) 2-Chlorotoluene	12.752	91	189638	21.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	236247	21.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	19196	22.482	ug/l	87
82) 4-Chlorotoluene	12.855	91	193230	20.946	ug/l	98
83) tert-Butylbenzene	13.075	119	200438	21.469	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	231084	21.463	ug/l	99
85) sec-Butylbenzene	13.251	105	300290	21.368	ug/l	100
86) p-Isopropyltoluene	13.367	119	248507	21.077	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	127763	21.193	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	127186	21.306	ug/l	97
89) n-Butylbenzene	13.697	91	230637	21.257	ug/l	100
90) Hexachloroethane	13.959	117	48303	21.418	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	111595	21.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9075	23.330	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	63232	20.509	ug/l	99
94) Hexachlorobutadiene	15.111	225	39379	20.716	ug/l	99
95) Naphthalene	15.233	128	124560	21.198	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	54503	20.738	ug/l	99

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

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