

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010792.D
 Acq On : 04 Oct 2022 14:02
 Operator : KP/MD
 Sample : VY1004SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBS02

Quant Time: Oct 05 07:28:19 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 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	373246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	120859	50.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.060%
35) Dibromofluoromethane	7.716	113	113207	45.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.380%
50) Toluene-d8	10.179	98	464571	54.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.483	95	147775	44.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	33761	20.650	ug/l	98
3) Chloromethane	2.113	50	56620	20.822	ug/l	97
4) Vinyl Chloride	2.247	62	66144	20.201	ug/l	100
5) Bromomethane	2.637	94	47020	20.237	ug/l	98
6) Chloroethane	2.790	64	44454	20.372	ug/l	97
7) Trichlorofluoromethane	3.125	101	84187	21.112	ug/l	96
8) Diethyl Ether	3.527	74	24932	19.435	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	46603	20.385	ug/l	96
10) Methyl Iodide	4.088	142	54471	17.824	ug/l	93
11) Tert butyl alcohol	4.942	59	34668	141.037	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	44973	20.157	ug/l	90
13) Acrolein	3.722	56	21245	121.347	ug/l	99
14) Allyl chloride	4.478	41	67093	20.088	ug/l #	94
15) Acrylonitrile	5.161	53	63031	100.856	ug/l	98
16) Acetone	3.942	43	49798	81.970	ug/l	91
17) Carbon Disulfide	4.192	76	145710	20.209	ug/l	97
18) Methyl Acetate	4.472	43	31347	20.200	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	111257	19.049	ug/l	95
20) Methylene Chloride	4.710	84	64312	21.144	ug/l #	85
21) trans-1,2-Dichloroethene	5.222	96	51751	19.864	ug/l	89
22) Diisopropyl ether	6.112	45	143754	19.625	ug/l	97
23) Vinyl Acetate	6.057	43	425805	95.968	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	90215	20.225	ug/l	97
25) 2-Butanone	6.984	43	79408	90.916	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	81115	19.158	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	58546	20.249	ug/l	89
28) Bromochloromethane	7.332	49	19762	15.550	ug/l	89
29) Tetrahydrofuran	7.344	42	50645	98.604	ug/l #	86
30) Chloroform	7.502	83	92900	20.181	ug/l	99
31) Cyclohexane	7.783	56	85447	19.957	ug/l	85
32) 1,1,1-Trichloroethane	7.703	97	84135	20.289	ug/l	96
36) 1,1-Dichloropropene	7.917	75	72660	20.315	ug/l	98
37) Ethyl Acetate	7.069	43	35645	20.309	ug/l	97
38) Carbon Tetrachloride	7.899	117	77352	20.764	ug/l	99
39) Methylcyclohexane	9.185	83	89371	20.342	ug/l	88
40) Benzene	8.161	78	212552	20.630	ug/l	96

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41) Methacrylonitrile	7.313	41	18328m	19.489	ug/l	92
42) 1,2-Dichloroethane	8.234	62	59725	20.504	ug/l	92
43) Isopropyl Acetate	8.270	43	62569	19.696	ug/l #	91
44) Trichloroethene	8.935	130	56936	20.409	ug/l	96
45) 1,2-Dichloropropane	9.215	63	50058	20.153	ug/l	95
46) Dibromomethane	9.307	93	28681	20.188	ug/l	96
47) Bromodichloromethane	9.496	83	70288	20.500	ug/l	98
48) Methyl methacrylate	9.289	41	29515	19.781	ug/l #	87
49) 1,4-Dioxane	9.295	88	7208	412.142	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	171171	98.488	ug/l	90
52) Toluene	10.246	92	135025	20.592	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	68449	19.283	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	78940	19.419	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	40202	20.166	ug/l	98
56) Ethyl methacrylate	10.508	69	48996	19.129	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	68506	20.212	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	89253	86.571	ug/l	96
59) 2-Hexanone	10.831	43	114314	94.967	ug/l	89
60) Dibromochloromethane	10.983	129	47945	20.059	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37901	19.940	ug/l	99
64) Tetrachloroethene	10.721	164	55314	20.748	ug/l	97
65) Chlorobenzene	11.514	112	139426	20.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	50923	20.008	ug/l	97
67) Ethyl Benzene	11.593	91	248653	19.843	ug/l	97
68) m/p-Xylenes	11.703	106	195790	39.923	ug/l	95
69) o-Xylene	12.032	106	90107	19.652	ug/l	95
70) Styrene	12.044	104	153914	19.918	ug/l	96
71) Bromoform	12.209	173	29985	19.793	ug/l #	99
73) Isopropylbenzene	12.331	105	240618	19.959	ug/l	100
74) N-amyl acetate	12.142	43	51089	18.439	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	45596	20.244	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	35827m	21.574	ug/l	
77) Bromobenzene	12.611	156	55109	19.927	ug/l	97
78) n-propylbenzene	12.672	91	296556	20.198	ug/l	99
79) 2-Chlorotoluene	12.757	91	162699	19.807	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	203727	19.980	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	15212	19.135	ug/l	89
82) 4-Chlorotoluene	12.855	91	169364	19.718	ug/l	98
83) tert-Butylbenzene	13.074	119	175675	20.209	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	203961	20.346	ug/l	98
85) sec-Butylbenzene	13.251	105	263091	20.106	ug/l	99
86) p-Isopropyltoluene	13.367	119	219134	19.961	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	112205	19.989	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	111591	20.077	ug/l	98
89) n-Butylbenzene	13.696	91	202972	20.091	ug/l	99
90) Hexachloroethane	13.958	117	42293	20.141	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	98194	20.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7189	19.849	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	55387	19.294	ug/l	98
94) Hexachlorobutadiene	15.111	225	35535	20.077	ug/l	97
95) Naphthalene	15.239	128	109461	20.007	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	48591	19.857	ug/l	99

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

10/05/2022
Supervised By :Mahesh
Dadoda

10/05/2022

