

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011302.D
 Acq On : 04 Nov 2022 17:09
 Operator : KP/MD
 Sample : VY1104SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 07 01:52:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	234006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118679	47.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.716	113	121015	50.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.179	98	460271	49.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.477	95	166335	51.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	51378	25.394	ug/l	100
3) Chloromethane	2.113	50	52915	20.393	ug/l	97
4) Vinyl Chloride	2.247	62	59702	20.598	ug/l	100
5) Bromomethane	2.637	94	39114	20.227	ug/l	93
6) Chloroethane	2.784	64	37141	19.941	ug/l	97
7) Trichlorofluoromethane	3.119	101	88683	20.710	ug/l	95
8) Diethyl Ether	3.527	74	31597	20.564	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	53518	20.788	ug/l	94
10) Methyl Iodide	4.082	142	64502	19.463	ug/l	90
11) Tert butyl alcohol	4.948	59	28920	83.536	ug/l	96
12) 1,1-Dichloroethene	3.863	96	51896	20.388	ug/l	82
13) Acrolein	3.723	56	17505	121.440	ug/l	99
14) Allyl chloride	4.472	41	78502	20.360	ug/l #	85
15) Acrylonitrile	5.155	53	77567	100.605	ug/l	96
16) Acetone	3.942	43	65025	86.072	ug/l #	84
17) Carbon Disulfide	4.186	76	164100	19.628	ug/l	99
18) Methyl Acetate	4.472	43	42140	21.069	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	136835	20.230	ug/l	95
20) Methylene Chloride	4.710	84	87390	25.857	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	59268	20.472	ug/l	88
22) Diisopropyl ether	6.112	45	162780	20.363	ug/l #	91
23) Vinyl Acetate	6.051	43	484127	99.222	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	101690	20.313	ug/l	98
25) 2-Butanone	6.978	43	99861	93.944	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	90857	19.848	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	64765	20.302	ug/l	88
28) Bromochloromethane	7.326	49	36163	18.806	ug/l #	82
29) Tetrahydrofuran	7.344	42	62186	100.490	ug/l #	83
30) Chloroform	7.502	83	102123	20.198	ug/l	98
31) Cyclohexane	7.783	56	92000	19.833	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	92637	20.657	ug/l	94
36) 1,1-Dichloropropene	7.911	75	81141	20.712	ug/l	98
37) Ethyl Acetate	7.070	43	43142	20.429	ug/l #	91
38) Carbon Tetrachloride	7.899	117	84077	20.687	ug/l	97
39) Methylcyclohexane	9.179	83	100944	21.180	ug/l	92
40) Benzene	8.155	78	236797	20.567	ug/l	97

11/07/2022
 Supervised By :Mahesh
 Padoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22747m	19.823	ug/l	11/07/2022
42) 1,2-Dichloroethane	8.234	62	63246	20.229	ug/l	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.271	43	77264	20.766	ug/l #	88
44) Trichloroethene	8.935	130	63698	20.673	ug/l	100
45) 1,2-Dichloropropane	9.209	63	58022	20.384	ug/l	92
46) Dibromomethane	9.301	93	32710	20.339	ug/l	98
47) Bromodichloromethane	9.496	83	78034	20.468	ug/l	98
48) Methyl methacrylate	9.289	41	34810	20.369	ug/l #	77
49) 1,4-Dioxane	9.301	88	8476	391.754	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	205400	101.529	ug/l #	87
52) Toluene	10.240	92	150393	21.066	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	81207	20.225	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	94833	20.642	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	47813	20.743	ug/l	96
56) Ethyl methacrylate	10.508	69	63065	20.713	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	80427	20.385	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	150340	105.327	ug/l	96
59) 2-Hexanone	10.831	43	142701	98.802	ug/l	84
60) Dibromochloromethane	10.983	129	55671	20.328	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44823	20.483	ug/l	99
64) Tetrachloroethene	10.715	164	62564	21.627	ug/l	98
65) Chlorobenzene	11.514	112	155911	20.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	57224	20.685	ug/l	97
67) Ethyl Benzene	11.593	91	280359	21.036	ug/l	100
68) m/p-Xylenes	11.697	106	217804	42.099	ug/l	96
69) o-Xylene	12.026	106	101845	21.001	ug/l	94
70) Styrene	12.044	104	173606	21.117	ug/l	96
71) Bromoform	12.203	173	36372	21.153	ug/l #	99
73) Isopropylbenzene	12.325	105	270444	20.896	ug/l	99
74) N-amyl acetate	12.142	43	66085	20.341	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	54483	20.343	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	46640m	22.132	ug/l	
77) Bromobenzene	12.605	156	61964	20.354	ug/l	99
78) n-propylbenzene	12.666	91	330136	20.846	ug/l	99
79) 2-Chlorotoluene	12.751	91	188502	20.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	229969	20.998	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	20343	20.659	ug/l #	81
82) 4-Chlorotoluene	12.849	91	193869	20.732	ug/l	100
83) tert-Butylbenzene	13.068	119	198696	21.056	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	226538	20.914	ug/l	99
85) sec-Butylbenzene	13.251	105	295639	21.130	ug/l	100
86) p-Isopropyltoluene	13.367	119	245731	21.071	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	124903	20.461	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124121	20.273	ug/l	98
89) n-Butylbenzene	13.690	91	225745	20.730	ug/l	99
90) Hexachloroethane	13.959	117	47959	20.563	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	111598	20.467	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	8938	19.482	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	63977	19.413	ug/l	99
94) Hexachlorobutadiene	15.105	225	38923	20.284	ug/l	97
95) Naphthalene	15.233	128	125996	19.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55329	19.104	ug/l	98

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

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Supervised By :Mahesh
Dadoda

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