

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020573.D
 Acq On : 10 Dec 2024 16:56
 Operator : SY/MD
 Sample : VY1210SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1210SBS02

Quant Time: Dec 11 00:51:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2024
 Supervised By :Semsettin Yesilyurt 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	134581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	220995	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	194831	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	99277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85445	62.427	ug/l	-0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	124.860%	
35) Dibromofluoromethane	7.634	113	81275	58.418	ug/l	-0.01
Spiked Amount 50.000	Range 54	- 147	Recovery	=	116.840%	
50) Toluene-d8	10.103	98	295988	55.871	ug/l	-0.01
Spiked Amount 50.000	Range 58	- 134	Recovery	=	111.740%	
62) 4-Bromofluorobenzene	12.402	95	108455	58.534	ug/l	-0.01
Spiked Amount 50.000	Range 29	- 146	Recovery	=	117.060%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	23607	17.983	ug/l	99
3) Chloromethane	2.068	50	24860	18.703	ug/l	100
4) Vinyl Chloride	2.202	62	24865	18.348	ug/l	97
5) Bromomethane	2.586	94	16264	20.454	ug/l	96
6) Chloroethane	2.726	64	15946	19.198	ug/l	96
7) Trichlorofluoromethane	3.056	101	48722	19.196	ug/l	98
8) Diethyl Ether	3.452	74	16891	23.487	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	30260	20.461	ug/l	96
10) Methyl Iodide	4.001	142	32641	19.661	ug/l	95
11) Tert butyl alcohol	4.854	59	16815	189.385	ug/l	97
12) 1,1-Dichloroethene	3.787	96	28325	20.275	ug/l	94
13) Acrolein	3.647	56	9034	108.675	ug/l	98
14) Allyl chloride	4.379	41	51802	20.790	ug/l	96
15) Acrylonitrile	5.061	53	40642	135.636	ug/l	97
16) Acetone	3.866	43	37160	109.189	ug/l	98
17) Carbon Disulfide	4.104	76	67613	16.910	ug/l	100
18) Methyl Acetate	4.385	43	22163	30.640	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	88634	24.843	ug/l	98
20) Methylene Chloride	4.616	84	34641	23.928	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	31964	20.599	ug/l	99
22) Diisopropyl ether	6.019	45	118821	23.981	ug/l	98
23) Vinyl Acetate	5.958	43	312377	119.194	ug/l	98
24) 1,1-Dichloroethane	5.909	63	66397	22.259	ug/l	97
25) 2-Butanone	6.896	43	55950	130.193	ug/l	96
26) 2,2-Dichloropropane	6.884	77	53110	18.824	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	41363	22.829	ug/l	96
28) Bromochloromethane	7.244	49	24225	21.747	ug/l	94
29) Tetrahydrofuran	7.262	42	34715	141.599	ug/l	99
30) Chloroform	7.421	83	71839	23.466	ug/l	100
31) Cyclohexane	7.701	56	48999	18.170	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	61943	21.013	ug/l	98
36) 1,1-Dichloropropene	7.835	75	44891	19.107	ug/l	98
37) Ethyl Acetate	6.988	43	23965	25.747	ug/l	97
38) Carbon Tetrachloride	7.811	117	55814	19.905	ug/l	95
39) Methylcyclohexane	9.103	83	53618	18.391	ug/l	99
40) Benzene	8.079	78	145531	21.009	ug/l	98

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41) Methacrylonitrile	7.220	41	12833	24.253	ug/l	93
42) 1,2-Dichloroethane	8.158	62	42782	23.504	ug/l	99
43) Isopropyl Acetate	8.195	43	47678	25.367	ug/l #	89
44) Trichloroethene	8.859	130	35110	20.560	ug/l	99
45) 1,2-Dichloropropane	9.140	63	36792	22.697	ug/l	97
46) Dibromomethane	9.231	93	19572	24.386	ug/l	100
47) Bromodichloromethane	9.420	83	54401	23.006	ug/l	98
48) Methyl methacrylate	9.219	41	21895	24.981	ug/l	96
49) 1,4-Dioxane	9.225	88	4797	625.290	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	129064	139.046	ug/l	98
52) Toluene	10.164	92	93871	21.720	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	48484	22.838	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	56511	22.524	ug/l	94
55) 1,1,2-Trichloroethane	10.566	97	27116	25.327	ug/l	96
56) Ethyl methacrylate	10.438	69	38608	25.486	ug/l	94
57) 1,3-Dichloropropane	10.713	76	47443	24.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	78624	110.851	ug/l	97
59) 2-Hexanone	10.755	43	84807	126.650	ug/l	97
60) Dibromochloromethane	10.908	129	37130	24.910	ug/l	99
61) 1,2-Dibromoethane	11.012	107	23734	24.241	ug/l	95
64) Tetrachloroethene	10.646	164	36431	22.129	ug/l	93
65) Chlorobenzene	11.438	112	101856	20.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37088	21.414	ug/l	98
67) Ethyl Benzene	11.518	91	183402	20.036	ug/l	100
68) m/p-Xylenes	11.627	106	136728	40.792	ug/l	99
69) o-Xylene	11.950	106	66105	21.051	ug/l	98
70) Styrene	11.969	104	112869	21.544	ug/l	99
71) Bromoform	12.133	173	21002	23.851	ug/l #	99
73) Isopropylbenzene	12.255	105	178907	18.625	ug/l	99
74) N-amyl acetate	12.066	43	41462	22.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	31172	22.566	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	18107m	17.904	ug/l	
77) Bromobenzene	12.530	156	40365	20.292	ug/l	97
78) n-propylbenzene	12.591	91	214004	18.817	ug/l	99
79) 2-Chlorotoluene	12.676	91	123670	19.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	147867	19.209	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10104	20.500	ug/l	95
82) 4-Chlorotoluene	12.773	91	126703	19.348	ug/l	100
83) tert-Butylbenzene	12.993	119	132972	19.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	146488	19.579	ug/l	99
85) sec-Butylbenzene	13.176	105	193881	19.439	ug/l	100
86) p-Isopropyltoluene	13.292	119	161550	19.601	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	81410	21.221	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	78467	20.893	ug/l	99
89) n-Butylbenzene	13.615	91	150438	19.680	ug/l	98
90) Hexachloroethane	13.883	117	32121	19.998	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	70155	21.564	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5020	24.005	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	41327	22.591	ug/l	97
94) Hexachlorobutadiene	15.023	225	26963	21.068	ug/l	100
95) Naphthalene	15.145	128	71079	24.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	34975	23.694	ug/l	98

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

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