

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019769.D
 Acq On : 02 Oct 2024 16:56
 Operator : SY/MD
 Sample : VY1002SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1002SBS02

Quant Time: Oct 03 02:05:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
 Supervised By :Mahesh Dadoda 10/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	265847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	469139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	189008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147052	59.736	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	119.480%	
35) Dibromofluoromethane	7.634	113	143687	54.019	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	108.040%	
50) Toluene-d8	10.103	98	512402	52.081	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.160%	
62) 4-Bromofluorobenzene	12.402	95	188139	49.733	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.460%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	33161	20.397	ug/l	94
3) Chloromethane	2.068	50	42431	19.291	ug/l	99
4) Vinyl Chloride	2.202	62	48953	20.583	ug/l	98
5) Bromomethane	2.592	94	33687	23.059	ug/l	98
6) Chloroethane	2.733	64	33561	21.585	ug/l	98
7) Trichlorofluoromethane	3.056	101	84979	21.434	ug/l	93
8) Diethyl Ether	3.458	74	28359	21.309	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.812	101	53520	21.822	ug/l	94
10) Methyl Iodide	4.007	142	48071	15.288	ug/l	93
11) Tert butyl alcohol	4.878	59	33432	168.168	ug/l	99
12) 1,1-Dichloroethene	3.787	96	44653	18.932	ug/l	87
13) Acrolein	3.665	56	9672	92.004	ug/l	96
14) Allyl chloride	4.385	41	82184	19.430	ug/l #	92
15) Acrylonitrile	5.061	53	69116	120.448	ug/l	98
16) Acetone	3.873	43	74387	126.841	ug/l #	84
17) Carbon Disulfide	4.110	76	81719	12.823	ug/l	99
18) Methyl Acetate	4.391	43	35680	22.419	ug/l	92
19) Methyl tert-butyl Ether	5.122	73	154047	23.060	ug/l	96
20) Methylene Chloride	4.622	84	60640	22.673	ug/l #	90
21) trans-1,2-Dichloroethene	5.116	96	48410	18.725	ug/l	92
22) Diisopropyl ether	6.025	45	199133	22.926	ug/l	93
23) Vinyl Acetate	5.964	43	554846	111.835	ug/l #	93
24) 1,1-Dichloroethane	5.921	63	109164	22.397	ug/l	96
25) 2-Butanone	6.903	43	103183	123.707	ug/l #	87
26) 2,2-Dichloropropane	6.890	77	99517	22.635	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	67872	21.613	ug/l	85
28) Bromochloromethane	7.250	49	44060	21.485	ug/l	81
29) Tetrahydrofuran	7.268	42	57340	113.065	ug/l	86
30) Chloroform	7.421	83	118411	23.798	ug/l	96
31) Cyclohexane	7.701	56	77891	17.680	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	100220	22.472	ug/l	96
36) 1,1-Dichloropropene	7.835	75	69773	19.277	ug/l	96
37) Ethyl Acetate	6.988	43	42610	22.977	ug/l	98
38) Carbon Tetrachloride	7.817	117	82848	20.298	ug/l	98
39) Methylcyclohexane	9.109	83	84038	17.447	ug/l	91
40) Benzene	8.085	78	226600	20.327	ug/l	97

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41) Methacrylonitrile	7.226	41	24222	22.407	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	68869	22.958	ug/l	96
43) Isopropyl Acetate	8.201	43	87258	22.396	ug/l #	89
44) Trichloroethene	8.866	130	55940	19.511	ug/l	87
45) 1,2-Dichloropropane	9.140	63	60729	22.283	ug/l	97
46) Dibromomethane	9.231	93	32729	21.960	ug/l	94
47) Bromodichloromethane	9.420	83	90942	22.700	ug/l	97
48) Methyl methacrylate	9.219	41	38102	20.709	ug/l	85
49) 1,4-Dioxane	9.231	88	7836	446.621	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	223605	114.077	ug/l	91
52) Toluene	10.170	92	147219	20.533	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	79233	20.747	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	91096	20.485	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	47304	22.984	ug/l	98
56) Ethyl methacrylate	10.438	69	65261	20.874	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	79814	22.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	155306	107.027	ug/l	96
59) 2-Hexanone	10.756	43	156027	108.576	ug/l	89
60) Dibromochloromethane	10.908	129	59136	21.720	ug/l	99
61) 1,2-Dibromoethane	11.012	107	41347	21.561	ug/l	98
64) Tetrachloroethene	10.646	164	50500	20.656	ug/l	95
65) Chlorobenzene	11.438	112	166719	21.468	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	59970	22.303	ug/l	97
67) Ethyl Benzene	11.518	91	291817	21.148	ug/l	98
68) m/p-Xylenes	11.627	106	213225	40.866	ug/l	91
69) o-Xylene	11.950	106	105971	20.767	ug/l	93
70) Styrene	11.963	104	181325	21.047	ug/l	95
71) Bromoform	12.127	173	32274	21.015	ug/l #	95
73) Isopropylbenzene	12.249	105	290217	21.165	ug/l	99
74) N-ethyl acetate	12.066	43	78028	20.924	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	55925	22.978	ug/l	100
76) 1,2,3-Trichloropropane	12.548	75	35835m	20.228	ug/l	
77) Bromobenzene	12.530	156	63112	20.753	ug/l	88
78) n-propylbenzene	12.591	91	345001	21.228	ug/l	99
79) 2-Chlorotoluene	12.676	91	198636	20.972	ug/l	97
80) 1,3,5-Trimethylbenzene	12.731	105	234253	21.014	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	17321	18.770	ug/l	89
82) 4-Chlorotoluene	12.773	91	203745	20.924	ug/l	95
83) tert-Butylbenzene	12.993	119	220468	21.847	ug/l	96
84) 1,2,4-Trimethylbenzene	13.036	105	229709	20.818	ug/l	96
85) sec-Butylbenzene	13.170	105	313731	21.400	ug/l	99
86) p-Isopropyltoluene	13.286	119	255890	21.334	ug/l	96
87) 1,3-Dichlorobenzene	13.279	146	126148	21.347	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	124892	21.296	ug/l	95
89) n-Butylbenzene	13.615	91	246675	21.513	ug/l	99
90) Hexachloroethane	13.877	117	51835	20.770	ug/l	90
91) 1,2-Dichlorobenzene	13.651	146	113462	21.517	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8667	21.367	ug/l	79
93) 1,2,4-Trichlorobenzene	14.913	180	60884	18.984	ug/l	97
94) Hexachlorobutadiene	15.017	225	34131	19.921	ug/l	98
95) Naphthalene	15.139	128	116851	18.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	51767	18.870	ug/l	95

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

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