

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019987.D
 Acq On : 23 Oct 2024 12:20
 Operator : SY/MD
 Sample : VY1023SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 23 23:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						10/24/2024
1) Pentafluorobenzene	7.713	168	228334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	420481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	359220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165743	50.000	ug/l	0.00
System Monitoring Compounds						10/24/2024
33) 1,2-Dichloroethane-d4	8.061	65	166994	59.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.800%	
35) Dibromofluoromethane	7.634	113	158432	57.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.200%	
50) Toluene-d8	10.109	98	559606	54.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.407	95	200269	54.092	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	35636	16.765	ug/l	94
3) Chloromethane	2.074	50	51598	18.651	ug/l	99
4) Vinyl Chloride	2.208	62	59853	19.660	ug/l	97
5) Bromomethane	2.592	94	41112	21.335	ug/l	95
6) Chloroethane	2.738	64	44191	21.607	ug/l	94
7) Trichlorofluoromethane	3.061	101	95584	21.100	ug/l	95
8) Diethyl Ether	3.458	74	28312	20.564	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.817	101	57085	21.665	ug/l	89
10) Methyl Iodide	4.006	142	46418	17.418	ug/l #	90
11) Tert butyl alcohol	4.854	59	25965	103.724	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	47789	19.509	ug/l #	80
13) Acrolein	3.659	56	16673	80.707	ug/l	95
14) Allyl chloride	4.391	41	91223	20.640	ug/l #	88
15) Acrylonitrile	5.067	53	73154	116.169	ug/l	98
16) Acetone	3.872	43	83004	113.414	ug/l #	86
17) Carbon Disulfide	4.104	76	91942	14.003	ug/l	100
18) Methyl Acetate	4.397	43	35434	22.475	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	158778	22.562	ug/l	99
20) Methylene Chloride	4.616	84	57868	20.930	ug/l #	83
21) trans-1,2-Dichloroethene	5.122	96	52886	19.837	ug/l	87
22) Diisopropyl ether	6.018	45	225339	23.407	ug/l #	87
23) Vinyl Acetate	5.963	43	616904	111.778	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	120385	22.496	ug/l	95
25) 2-Butanone	6.890	43	112972	115.321	ug/l #	80
26) 2,2-Dichloropropane	6.890	77	100233	21.031	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	71565	21.721	ug/l	83
28) Bromochloromethane	7.250	49	53979	22.917	ug/l #	73
29) Tetrahydrofuran	7.262	42	63175	112.944	ug/l #	81
30) Chloroform	7.420	83	129608	23.759	ug/l	99
31) Cyclohexane	7.707	56	89518	19.056	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	107871	22.564	ug/l	95
36) 1,1-Dichloropropene	7.835	75	79224	19.819	ug/l	94
37) Ethyl Acetate	6.988	43	45952	22.045	ug/l	97
38) Carbon Tetrachloride	7.817	117	85764	20.013	ug/l	96
39) Methylcyclohexane	9.109	83	90459	17.960	ug/l	88
40) Benzene	8.079	78	243387	20.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.219	41	26358	23.364	ug/l	#	85
42) 1,2-Dichloroethane	8.158	62	76560	22.028	ug/l		93
43) Isopropyl Acetate	8.201	43	91000	21.407	ug/l	#	75
44) Trichloroethene	8.865	130	56769	19.374	ug/l		84
45) 1,2-Dichloropropane	9.146	63	64928	21.442	ug/l		98
46) Dibromomethane	9.231	93	33459	20.224	ug/l		90
47) Bromodichloromethane	9.426	83	95849	21.827	ug/l	#	97
48) Methyl methacrylate	9.219	41	40548	21.684	ug/l	#	79
49) 1,4-Dioxane	9.225	88	8279	447.113	ug/l	#	98
51) 4-Methyl-2-Pentanone	9.999	43	242857	112.004	ug/l		87
52) Toluene	10.170	92	153964	20.388	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	81507	20.629	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	95106	20.400	ug/l	#	84
55) 1,1,2-Trichloroethane	10.572	97	49121	22.536	ug/l		93
56) Ethyl methacrylate	10.438	69	65637	20.986	ug/l	#	77
57) 1,3-Dichloropropane	10.719	76	83548	21.826	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	154676	106.233	ug/l		94
59) 2-Hexanone	10.761	43	166037	107.214	ug/l		87
60) Dibromochloromethane	10.908	129	58828	21.027	ug/l		97
61) 1,2-Dibromoethane	11.017	107	40573	20.599	ug/l		99
64) Tetrachloroethene	10.645	164	46973	18.384	ug/l		92
65) Chlorobenzene	11.438	112	169018	20.571	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	58398	21.008	ug/l		98
67) Ethyl Benzene	11.517	91	306508	20.536	ug/l		100
68) m/p-Xylenes	11.627	106	223509	40.548	ug/l		91
69) o-Xylene	11.956	106	109070	20.594	ug/l		92
70) Styrene	11.968	104	185851	20.800	ug/l		96
71) Bromoform	12.127	173	30326	20.379	ug/l	#	97
73) Isopropylbenzene	12.255	105	301471	21.625	ug/l		98
74) N-amyl acetate	12.072	43	78264	21.196	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	57221	23.099	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	39912m	12.292	ug/l		
77) Bromobenzene	12.529	156	60828	20.561	ug/l		81
78) n-propylbenzene	12.596	91	366758	21.772	ug/l		96
79) 2-Chlorotoluene	12.676	91	205485	21.277	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	238134	21.151	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	16770	20.848	ug/l	#	79
82) 4-Chlorotoluene	12.773	91	213621	21.633	ug/l		94
83) tert-Butylbenzene	12.999	119	222024	22.013	ug/l		95
84) 1,2,4-Trimethylbenzene	13.041	105	234511	21.009	ug/l		96
85) sec-Butylbenzene	13.176	105	333139	22.107	ug/l		97
86) p-Isopropyltoluene	13.291	119	259118	21.175	ug/l		94
87) 1,3-Dichlorobenzene	13.285	146	126536	21.180	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	124913	21.283	ug/l		95
89) n-Butylbenzene	13.614	91	259332	21.704	ug/l		98
90) Hexachloroethane	13.883	117	51259	21.512	ug/l		83
91) 1,2-Dichlorobenzene	13.657	146	110711	21.090	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8102	20.494	ug/l		78
93) 1,2,4-Trichlorobenzene	14.919	180	56783	19.291	ug/l		98
94) Hexachlorobutadiene	15.023	225	32870	20.086	ug/l		97
95) Naphthalene	15.145	128	108325	19.512	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	47550	19.110	ug/l		98

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 Supervised By :Semsettin
 Yesilyurt

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

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Yesilyurt

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