

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019691.D
 Acq On : 25 Sep 2024 13:21
 Operator : SY/MD
 Sample : VY0925SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0925SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Sep 26 03:57:33 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
							09/26/2024
Internal Standards							Supervised By :Semsettin
1) Pentafluorobenzene	7.707	168	355170	50.000	ug/l	# 0.00	Desilyurt
34) 1,4-Difluorobenzene	8.615	114	631616	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.420	117	542971	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.346	152	259007	50.000	ug/l	0.00	
System Monitoring Compounds							09/26/2024
33) 1,2-Dichloroethane-d4	8.061	65	170476	51.835	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%		
35) Dibromofluoromethane	7.634	113	175004	48.868	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%		
50) Toluene-d8	10.109	98	617865	46.646	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.300%		
62) 4-Bromofluorobenzene	12.407	95	231676	45.488	ug/l	0.00	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.980%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.873	85	46998	21.909	ug/l	98	
3) Chloromethane	2.074	50	62584	21.298	ug/l	95	
4) Vinyl Chloride	2.214	62	69822	21.974	ug/l	96	
5) Bromomethane	2.598	94	48849	25.028	ug/l	100	
6) Chloroethane	2.745	64	49302	23.735	ug/l	99	
7) Trichlorofluoromethane	3.068	101	115382	21.784	ug/l	97	
8) Diethyl Ether	3.464	74	38604	21.712	ug/l	95	
9) 1,1,2-Trichlorotrifluo...	3.818	101	67055	20.465	ug/l	95	
10) Methyl Iodide	4.007	142	71557	17.034	ug/l	92	
11) Tert butyl alcohol	4.854	59	31274	117.750	ug/l #	82	
12) 1,1-Dichloroethene	3.793	96	63043	20.006	ug/l	90	
13) Acrolein	3.653	56	13817	99.432	ug/l	92	
14) Allyl chloride	4.391	41	108333	19.171	ug/l #	92	
15) Acrylonitrile	5.061	53	83063	108.349	ug/l	99	
16) Acetone	3.872	43	87200	111.294	ug/l #	87	
17) Carbon Disulfide	4.110	76	140574	16.511	ug/l	98	
18) Methyl Acetate	4.385	43	42934	20.192	ug/l	95	
19) Methyl tert-butyl Ether	5.122	73	189372	21.219	ug/l	100	
20) Methylene Chloride	4.616	84	76263	21.343	ug/l #	86	
21) trans-1,2-Dichloroethene	5.116	96	69601	20.151	ug/l	91	
22) Diisopropyl ether	6.024	45	242059	20.859	ug/l	95	
23) Vinyl Acetate	5.963	43	667875	100.762	ug/l	95	
24) 1,1-Dichloroethane	5.915	63	140794	21.622	ug/l	97	
25) 2-Butanone	6.890	43	118503	106.343	ug/l	88	
26) 2,2-Dichloropropane	6.884	77	126308	21.504	ug/l	96	
27) cis-1,2-Dichloroethene	6.890	96	90519	21.575	ug/l	90	
28) Bromochloromethane	7.244	49	55440	20.235	ug/l	86	
29) Tetrahydrofuran	7.262	42	71303	105.238	ug/l	88	
30) Chloroform	7.421	83	148952	22.408	ug/l	96	
31) Cyclohexane	7.701	56	106762	18.139	ug/l	97	
32) 1,1,1-Trichloroethane	7.616	97	129175	21.680	ug/l	97	
36) 1,1-Dichloropropene	7.835	75	94714	19.437	ug/l	97	
37) Ethyl Acetate	6.982	43	49729	19.917	ug/l	97	
38) Carbon Tetrachloride	7.817	117	110099	20.036	ug/l	99	
39) Methylcyclohexane	9.109	83	114010	17.581	ug/l	90	
40) Benzene	8.079	78	298709	19.902	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.219	41	29993	20.608	ug/l	#	74
42) 1,2-Dichloroethane	8.158	62	86868	21.509	ug/l		97
43) Isopropyl Acetate	8.195	43	100202	19.103	ug/l		93
44) Trichloroethene	8.865	130	76390	19.790	ug/l		94
45) 1,2-Dichloropropane	9.146	63	74979	20.434	ug/l		97
46) Dibromomethane	9.237	93	42275	21.069	ug/l		96
47) Bromodichloromethane	9.426	83	113787	21.096	ug/l		99
48) Methyl methacrylate	9.219	41	45347	18.307	ug/l		84
49) 1,4-Dioxane	9.231	88	9895	418.898	ug/l	#	89
51) 4-Methyl-2-Pentanone	9.999	43	256701	97.273	ug/l		92
52) Toluene	10.170	92	195016	20.203	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	98606	19.178	ug/l		96
54) cis-1,3-Dichloropropene	9.859	75	116314	19.428	ug/l	#	90
55) 1,1,2-Trichloroethane	10.579	97	55853	20.157	ug/l		96
56) Ethyl methacrylate	10.438	69	81191	19.289	ug/l	#	82
57) 1,3-Dichloropropane	10.719	76	97666	20.505	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	174689	89.417	ug/l		98
59) 2-Hexanone	10.761	43	181845	93.991	ug/l		91
60) Dibromochloromethane	10.914	129	74953	20.448	ug/l		99
61) 1,2-Dibromoethane	11.017	107	50712	19.642	ug/l		96
64) Tetrachloroethene	10.652	164	64075	19.057	ug/l		95
65) Chlorobenzene	11.444	112	217639	20.377	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.517	131	74893	20.252	ug/l		98
67) Ethyl Benzene	11.523	91	383007	20.182	ug/l		98
68) m/p-Xylenes	11.633	106	288641	40.224	ug/l		94
69) o-Xylene	11.956	106	141696	20.191	ug/l		95
70) Styrene	11.969	104	239265	20.194	ug/l		96
71) Bromoform	12.133	173	41853	19.815	ug/l	#	96
73) Isopropylbenzene	12.255	105	378833	20.161	ug/l		99
74) N-amyl acetate	12.072	43	92955	18.190	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.505	83	67410	20.212	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	52010m	21.424	ug/l		
77) Bromobenzene	12.529	156	84334	20.237	ug/l		92
78) n-propylbenzene	12.596	91	449739	20.194	ug/l		99
79) 2-Chlorotoluene	12.682	91	261236	20.127	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	305192	19.979	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.304	75	20235	16.001	ug/l	#	87
82) 4-Chlorotoluene	12.779	91	272890	20.451	ug/l		94
83) tert-Butylbenzene	12.999	119	280225	20.264	ug/l		95
84) 1,2,4-Trimethylbenzene	13.041	105	304517	20.139	ug/l		97
85) sec-Butylbenzene	13.176	105	408179	20.318	ug/l		100
86) p-Isopropyltoluene	13.291	119	333000	20.260	ug/l		97
87) 1,3-Dichlorobenzene	13.291	146	169589	20.943	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	164633	20.486	ug/l		97
89) n-Butylbenzene	13.621	91	314991	20.046	ug/l		100
90) Hexachloroethane	13.883	117	67108	19.622	ug/l		91
91) 1,2-Dichlorobenzene	13.657	146	149365	20.670	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10658	19.174	ug/l		78
93) 1,2,4-Trichlorobenzene	14.919	180	82876	18.857	ug/l		97
94) Hexachlorobutadiene	15.023	225	45794	19.504	ug/l		99
95) Naphthalene	15.145	128	178469	20.277	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	70709	18.809	ug/l		97

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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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