

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019706.D
 Acq On : 26 Sep 2024 12:15
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Quant Time: Sep 27 01:59:28 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 :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/27/2024
1) Pentafluorobenzene	7.701	168	364031	50.000	ug/l	# 0.00	Supervised By :Semsettin esilyurt
34) 1,4-Difluorobenzene	8.616	114	628091	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.414	117	525328	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.346	152	247984	50.000	ug/l	0.00	
System Monitoring Compounds							09/27/2024
33) 1,2-Dichloroethane-d4	8.055	65	181374	53.807	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.620%		
35) Dibromofluoromethane	7.628	113	183110	51.419	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%		
50) Toluene-d8	10.109	98	656809	49.864	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.720%		
62) 4-Bromofluorobenzene	12.408	95	236465	46.689	ug/l	0.00	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.380%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	47985	21.808	ug/l	99	
3) Chloromethane	2.074	50	59303	19.690	ug/l	95	
4) Vinyl Chloride	2.208	62	70717	21.714	ug/l	98	
5) Bromomethane	2.592	94	51659	25.823	ug/l	100	
6) Chloroethane	2.732	64	49249	23.132	ug/l	94	
7) Trichlorofluoromethane	3.056	101	120515	22.199	ug/l	100	
8) Diethyl Ether	3.452	74	35742	19.613	ug/l	87	
9) 1,1,2-Trichlorotrifluo...	3.818	101	71627	21.328	ug/l	95	
10) Methyl Iodide	4.000	142	73890	17.161	ug/l	94	
11) Tert butyl alcohol	4.848	59	32245	118.451	ug/l #	83	
12) 1,1-Dichloroethene	3.787	96	63484	19.656	ug/l	84	
13) Acrolein	3.647	56	14533	102.437	ug/l	97	
14) Allyl chloride	4.378	41	106546	18.396	ug/l	93	
15) Acrylonitrile	5.055	53	83165	105.841	ug/l	99	
16) Acetone	3.866	43	85388	106.329	ug/l #	85	
17) Carbon Disulfide	4.104	76	138142	15.831	ug/l	98	
18) Methyl Acetate	4.385	43	40971	18.800	ug/l	92	
19) Methyl tert-butyl Ether	5.110	73	188103	20.564	ug/l	100	
20) Methylene Chloride	4.610	84	76776	20.964	ug/l	89	
21) trans-1,2-Dichloroethene	5.110	96	69120	19.525	ug/l	95	
22) Diisopropyl ether	6.012	45	240983	20.261	ug/l	94	
23) Vinyl Acetate	5.957	43	677067	99.662	ug/l #	93	
24) 1,1-Dichloroethane	5.909	63	137187	20.555	ug/l	97	
25) 2-Butanone	6.890	43	121699	106.553	ug/l #	85	
26) 2,2-Dichloropropane	6.878	77	127380	21.159	ug/l	95	
27) cis-1,2-Dichloroethene	6.884	96	88538	20.589	ug/l	89	
28) Bromochloromethane	7.238	49	53470	19.041	ug/l	85	
29) Tetrahydrofuran	7.256	42	71538	103.015	ug/l #	85	
30) Chloroform	7.415	83	147567	21.659	ug/l	95	
31) Cyclohexane	7.701	56	111206	18.434	ug/l	92	
32) 1,1,1-Trichloroethane	7.616	97	132021	21.618	ug/l	97	
36) 1,1-Dichloropropene	7.835	75	97298	20.079	ug/l	96	
37) Ethyl Acetate	6.976	43	50014	20.144	ug/l	96	
38) Carbon Tetrachloride	7.817	117	111962	20.489	ug/l	97	
39) Methylcyclohexane	9.103	83	118830	18.427	ug/l	94	
40) Benzene	8.079	78	295896	19.825	ug/l	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.219	41	29091	20.100	ug/l	#	84
42) 1,2-Dichloroethane	8.158	62	85196	21.213	ug/l		96
43) Isopropyl Acetate	8.195	43	102251	19.603	ug/l		91
44) Trichloroethene	8.865	130	75413	19.647	ug/l		98
45) 1,2-Dichloropropane	9.140	63	74532	20.427	ug/l		99
46) Dibromomethane	9.231	93	41046	20.571	ug/l		95
47) Bromodichloromethane	9.420	83	111376	20.765	ug/l		97
48) Methyl methacrylate	9.219	41	45817	18.600	ug/l		85
49) 1,4-Dioxane	9.231	88	9988	425.209	ug/l	#	97
51) 4-Methyl-2-Pentanone	9.999	43	261674	99.714	ug/l		92
52) Toluene	10.170	92	192452	20.049	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	97727	19.114	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	115141	19.340	ug/l	#	87
55) 1,1,2-Trichloroethane	10.572	97	57834	20.989	ug/l		96
56) Ethyl methacrylate	10.438	69	79858	19.078	ug/l	#	80
57) 1,3-Dichloropropane	10.719	76	97511	20.587	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	186980	96.245	ug/l		98
59) 2-Hexanone	10.761	43	186368	96.869	ug/l		89
60) Dibromochloromethane	10.914	129	73933	20.283	ug/l		100
61) 1,2-Dibromoethane	11.011	107	52585	20.482	ug/l		96
64) Tetrachloroethene	10.646	164	64365	19.786	ug/l		93
65) Chlorobenzene	11.444	112	215547	20.859	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	74484	20.818	ug/l		98
67) Ethyl Benzene	11.517	91	384062	20.917	ug/l		98
68) m/p-Xylenes	11.627	106	286635	41.286	ug/l		95
69) o-Xylene	11.956	106	140471	20.689	ug/l		97
70) Styrene	11.969	104	235701	20.561	ug/l		96
71) Bromoform	12.133	173	41183	20.153	ug/l	#	96
73) Isopropylbenzene	12.255	105	375916	20.895	ug/l		99
74) N-amyl acetate	12.072	43	92612	18.928	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.505	83	67609	21.173	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	50221m	21.607	ug/l		
77) Bromobenzene	12.529	156	82038	20.561	ug/l		91
78) n-propylbenzene	12.597	91	446891	20.958	ug/l		100
79) 2-Chlorotoluene	12.682	91	255548	20.564	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	304980	20.853	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	22227	18.358	ug/l		91
82) 4-Chlorotoluene	12.779	91	264233	20.682	ug/l		95
83) tert-Butylbenzene	12.999	119	280245	21.166	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	295311	20.398	ug/l		98
85) sec-Butylbenzene	13.176	105	411214	21.379	ug/l		99
86) p-Isopropyltoluene	13.291	119	329286	20.924	ug/l		96
87) 1,3-Dichlorobenzene	13.285	146	162713	20.987	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	160065	20.803	ug/l		97
89) n-Butylbenzene	13.615	91	311207	20.686	ug/l		100
90) Hexachloroethane	13.877	117	66088	20.183	ug/l		91
91) 1,2-Dichlorobenzene	13.657	146	143937	20.804	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10635	19.983	ug/l		82
93) 1,2,4-Trichlorobenzene	14.919	180	77841	18.499	ug/l		97
94) Hexachlorobutadiene	15.023	225	44022	19.583	ug/l		98
95) Naphthalene	15.145	128	156182	18.534	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	67563	18.771	ug/l		98

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

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