

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019478.D
 Acq On : 10 Sep 2024 10:14
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

Quant Time: Sep 11 01:46:51 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 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	555909	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	956822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	803040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	377648	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	253336	49.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.634	113	257801	47.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.109	98	971798	48.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.407	95	342552	44.398	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	82843	25.237	ug/l	99
3) Chloromethane	2.074	50	98645	21.448	ug/l	96
4) Vinyl Chloride	2.208	62	112923	22.705	ug/l	97
5) Bromomethane	2.598	94	70900	23.209	ug/l	96
6) Chloroethane	2.739	64	74093	22.789	ug/l	96
7) Trichlorofluoromethane	3.062	101	180753	21.803	ug/l	98
8) Diethyl Ether	3.452	74	57015	20.488	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	105831	20.636	ug/l	96
10) Methyl Iodide	4.007	142	134337	20.431	ug/l	93
11) Tert butyl alcohol	4.860	59	37776	90.871	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	99053	20.083	ug/l	90
13) Acrolein	3.653	56	29971	143.664	ug/l	100
14) Allyl chloride	4.385	41	179394	20.282	ug/l	# 92
15) Acrylonitrile	5.055	53	117164	97.643	ug/l	97
16) Acetone	3.866	43	122886	100.206	ug/l	# 84
17) Carbon Disulfide	4.104	76	257606	19.331	ug/l	99
18) Methyl Acetate	4.391	43	53719	16.141	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	287563	20.586	ug/l	98
20) Methylene Chloride	4.616	84	121250	21.680	ug/l	# 88
21) trans-1,2-Dichloroethene	5.110	96	112066	20.730	ug/l	91
22) Diisopropyl ether	6.018	45	384901	21.192	ug/l	92
23) Vinyl Acetate	5.957	43	1097489	105.787	ug/l	94
24) 1,1-Dichloroethane	5.915	63	214971	21.092	ug/l	99
25) 2-Butanone	6.896	43	171108	98.103	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	200039	21.759	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	138813	21.138	ug/l	89
28) Bromochloromethane	7.244	49	86141	20.087	ug/l	83
29) Tetrahydrofuran	7.262	42	101392	95.610	ug/l	87
30) Chloroform	7.421	83	226637	21.783	ug/l	98
31) Cyclohexane	7.701	56	180689	19.613	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	197715	21.201	ug/l	96
36) 1,1-Dichloropropene	7.835	75	152026	20.594	ug/l	97
37) Ethyl Acetate	6.982	43	73786	19.508	ug/l	97
38) Carbon Tetrachloride	7.817	117	172231	20.690	ug/l	100
39) Methylcyclohexane	9.109	83	193291	19.676	ug/l	91
40) Benzene	8.079	78	471638	20.744	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	43613	19.781	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	126825	20.730	ug/l	96
43) Isopropyl Acetate	8.195	43	154617	19.458	ug/l #	81
44) Trichloroethene	8.865	130	118811	20.319	ug/l	94
45) 1,2-Dichloropropane	9.140	63	115930	20.856	ug/l	97
46) Dibromomethane	9.231	93	61647	20.281	ug/l	97
47) Bromodichloromethane	9.426	83	170226	20.833	ug/l	100
48) Methyl methacrylate	9.225	41	68526	18.262	ug/l	84
49) 1,4-Dioxane	9.231	88	13425	375.171	ug/l #	78
51) 4-Methyl-2-Pentanone	9.999	43	384530	96.188	ug/l	92
52) Toluene	10.170	92	304156	20.800	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	159568	20.486	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	187754	20.701	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	85970	20.480	ug/l	97
56) Ethyl methacrylate	10.438	69	123124	19.309	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	146399	20.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	269140	90.940	ug/l	98
59) 2-Hexanone	10.761	43	283516	96.735	ug/l	90
60) Dibromochloromethane	10.914	129	114612	20.640	ug/l	99
61) 1,2-Dibromoethane	11.018	107	79121	20.230	ug/l	99
64) Tetrachloroethene	10.652	164	99230	19.954	ug/l	98
65) Chlorobenzene	11.444	112	333522	21.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	115789	21.171	ug/l	98
67) Ethyl Benzene	11.524	91	590746	21.047	ug/l	98
68) m/p-Xylenes	11.627	106	445713	41.997	ug/l	94
69) o-Xylene	11.956	106	217686	20.973	ug/l	95
70) Styrene	11.975	104	363731	20.756	ug/l	96
71) Bromoform	12.133	173	61495	19.686	ug/l #	98
73) Isopropylbenzene	12.255	105	579402	21.148	ug/l	99
74) N-amyl acetate	12.072	43	148974	19.994	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	96613	19.867	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	62860m	17.759	ug/l	
77) Bromobenzene	12.536	156	126206	20.770	ug/l	91
78) n-propylbenzene	12.596	91	692935	21.339	ug/l	100
79) 2-Chlorotoluene	12.682	91	399605	21.116	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	468748	21.046	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	35011	18.988	ug/l	92
82) 4-Chlorotoluene	12.779	91	412188	21.186	ug/l	95
83) tert-Butylbenzene	12.999	119	429542	21.303	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	471043	21.365	ug/l	97
85) sec-Butylbenzene	13.176	105	622622	21.256	ug/l	99
86) p-Isopropyltoluene	13.291	119	508392	21.213	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	246612	20.887	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	243856	20.811	ug/l	96
89) n-Butylbenzene	13.621	91	483261	21.093	ug/l	99
90) Hexachloroethane	13.883	117	103140	20.684	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	218549	20.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15226	18.787	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	122512	19.118	ug/l	97
94) Hexachlorobutadiene	15.023	225	67138	19.612	ug/l	99
95) Naphthalene	15.145	128	229665	17.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105243	19.200	ug/l	97

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

