

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020051.D
 Acq On : 29 Oct 2024 11:04
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS01

Quant Time: Oct 30 01:20:22 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	186283	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	334192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	134900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	118854	51.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.640%			
35) Dibromofluoromethane	7.640	113	112879	51.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.380%			
50) Toluene-d8	10.109	98	409396	50.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.408	95	147085	49.984	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	25827	14.893	ug/l	100
3) Chloromethane	2.080	50	35474	15.717	ug/l	97
4) Vinyl Chloride	2.214	62	44223	17.805	ug/l	96
5) Bromomethane	2.598	94	29055	18.482	ug/l	100
6) Chloroethane	2.739	64	32797	19.656	ug/l	97
7) Trichlorofluoromethane	3.068	101	71163	19.255	ug/l	89
8) Diethyl Ether	3.464	74	20688	18.419	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.824	101	43607	20.285	ug/l #	92
10) Methyl Iodide	4.013	142	32130	14.778	ug/l	90
11) Tert butyl alcohol	4.866	59	26387m	133.842	ug/l	
12) 1,1-Dichloroethene	3.793	96	34845	17.436	ug/l	85
13) Acrolein	3.659	56	11448	67.924	ug/l	94
14) Allyl chloride	4.397	41	69415	19.251	ug/l #	89
15) Acrylonitrile	5.074	53	60198	117.174	ug/l	97
16) Acetone	3.879	43	82827	138.719	ug/l #	81
17) Carbon Disulfide	4.116	76	54695	10.211	ug/l	96
18) Methyl Acetate	4.391	43	27741	21.568	ug/l #	88
19) Methyl tert-butyl Ether	5.128	73	121965	21.243	ug/l	95
20) Methylene Chloride	4.629	84	49107	21.804	ug/l #	75
21) trans-1,2-Dichloroethene	5.128	96	38225	17.574	ug/l #	85
22) Diisopropyl ether	6.031	45	180158	22.938	ug/l #	89
23) Vinyl Acetate	5.970	43	485811	107.896	ug/l #	92
24) 1,1-Dichloroethane	5.921	63	97435	22.317	ug/l	94
25) 2-Butanone	6.903	43	103150	129.064	ug/l #	83
26) 2,2-Dichloropropane	6.896	77	83105	21.374	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	55076	20.490	ug/l	78
28) Bromochloromethane	7.250	49	45015	23.425	ug/l #	71
29) Tetrahydrofuran	7.268	42	50969	111.692	ug/l #	80
30) Chloroform	7.427	83	103705	23.302	ug/l	96
31) Cyclohexane	7.707	56	64806	16.910	ug/l	92
32) 1,1,1-Trichloroethane	7.628	97	84591	21.688	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	61159	19.250	ug/l	94
37) Ethyl Acetate	6.988	43	35245	21.274	ug/l #	94
38) Carbon Tetrachloride	7.823	117	68239	20.035	ug/l	97
39) Methylcyclohexane	9.116	83	64562	16.128	ug/l #	87
40) Benzene	8.091	78	191595	19.926	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	21227	23.674	ug/l #	85
42) 1,2-Dichloroethane	8.165	62	58042	21.012	ug/l	95
43) Isopropyl Acetate	8.201	43	74293	21.989	ug/l #	78
44) Trichloroethene	8.872	130	43223	18.560	ug/l	89
45) 1,2-Dichloropropane	9.146	63	54194	22.518	ug/l	96
46) Dibromomethane	9.238	93	27278	20.745	ug/l	88
47) Bromodichloromethane	9.427	83	78474	22.484	ug/l	100
48) Methyl methacrylate	9.225	41	31316	21.071	ug/l #	82
49) 1,4-Dioxane	9.231	88	6613	449.354	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	201726	117.057	ug/l	89
52) Toluene	10.176	92	122305	20.378	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	63925	20.356	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	76149	20.551	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	39566	22.839	ug/l	100
56) Ethyl methacrylate	10.445	69	51345	20.655	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	67251	22.105	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	127158	109.883	ug/l	92
59) 2-Hexanone	10.762	43	153924	125.055	ug/l	85
60) Dibromochloromethane	10.914	129	48177	21.667	ug/l	100
61) 1,2-Dibromoethane	11.018	107	32764	20.929	ug/l	98
64) Tetrachloroethene	10.652	164	36142	17.784	ug/l	93
65) Chlorobenzene	11.444	112	132709	20.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	48642	21.999	ug/l	98
67) Ethyl Benzene	11.524	91	244765	20.618	ug/l	98
68) m/p-Xylenes	11.633	106	178897	40.803	ug/l	93
69) o-Xylene	11.957	106	85245	20.236	ug/l	88
70) Styrene	11.975	104	150351	21.155	ug/l	94
71) Bromoform	12.133	173	25680	21.695	ug/l #	98
73) Isopropylbenzene	12.255	105	243064	21.421	ug/l	98
74) N-amyl acetate	12.072	43	62944	20.944	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	48220	23.916	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	34944m	13.223	ug/l	
77) Bromobenzene	12.536	156	49706	20.643	ug/l	81
78) n-propylbenzene	12.597	91	302261	22.046	ug/l	96
79) 2-Chlorotoluene	12.682	91	171019	21.757	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	195325	21.315	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	13261	20.255	ug/l #	74
82) 4-Chlorotoluene	12.780	91	172407	21.451	ug/l	95
83) tert-Butylbenzene	12.999	119	182466	22.227	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	194213	21.377	ug/l	94
85) sec-Butylbenzene	13.176	105	279579	22.794	ug/l	96
86) p-Isopropyltoluene	13.292	119	219728	22.062	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	103107	21.204	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	102087	21.370	ug/l	95
89) n-Butylbenzene	13.621	91	220214	22.644	ug/l	96
90) Hexachloroethane	13.883	117	44326	22.856	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	92483	21.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7168	22.277	ug/l	68
93) 1,2,4-Trichlorobenzene	14.926	180	45744	19.094	ug/l	98
94) Hexachlorobutadiene	15.029	225	26814	20.131	ug/l	94
95) Naphthalene	15.145	128	83682	18.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38515	19.018	ug/l	96

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

