

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020004.D
 Acq On : 24 Oct 2024 12:06
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:39:15 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						
1) Pentafluorobenzene	7.707	168	225293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	405827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145085	52.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.600%			
35) Dibromofluoromethane	7.634	113	138500	51.717	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.440%			
50) Toluene-d8	10.103	98	490649	49.613	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.402	95	172583	48.297	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	34416	16.410	ug/l	100
3) Chloromethane	2.068	50	47854	17.531	ug/l	100
4) Vinyl Chloride	2.208	62	52240	17.391	ug/l	97
5) Bromomethane	2.598	94	36812	19.362	ug/l	95
6) Chloroethane	2.739	64	37319	18.493	ug/l	98
7) Trichlorofluoromethane	3.062	101	84259	18.851	ug/l	98
8) Diethyl Ether	3.458	74	24760	18.227	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.824	101	50888	19.573	ug/l	89
10) Methyl Iodide	4.007	142	41238	15.683	ug/l #	87
11) Tert butyl alcohol	4.872	59	23439	93.291	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	42376	17.533	ug/l	84
13) Acrolein	3.659	56	15224	74.688	ug/l	96
14) Allyl chloride	4.385	41	81443	18.676	ug/l #	88
15) Acrylonitrile	5.061	53	62668	100.861	ug/l	99
16) Acetone	3.879	43	75278	104.245	ug/l #	78
17) Carbon Disulfide	4.110	76	78370	12.097	ug/l	97
18) Methyl Acetate	4.385	43	30224	19.429	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	136572	19.669	ug/l	99
20) Methylene Chloride	4.622	84	52575	19.208	ug/l #	85
21) trans-1,2-Dichloroethene	5.122	96	44693	16.990	ug/l	88
22) Diisopropyl ether	6.019	45	200077	21.063	ug/l #	87
23) Vinyl Acetate	5.964	43	538507	98.890	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	108546	20.557	ug/l	95
25) 2-Butanone	6.903	43	101170	104.668	ug/l #	79
26) 2,2-Dichloropropane	6.884	77	90139	19.169	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	61528	18.927	ug/l	83
28) Bromochloromethane	7.250	49	47008	20.227	ug/l #	73
29) Tetrahydrofuran	7.268	42	54201	98.208	ug/l #	80
30) Chloroform	7.427	83	113294	21.048	ug/l	94
31) Cyclohexane	7.701	56	79071	17.059	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	95128	20.167	ug/l	94
36) 1,1-Dichloropropene	7.841	75	70641	18.310	ug/l	93
37) Ethyl Acetate	6.988	43	38601	19.187	ug/l	96
38) Carbon Tetrachloride	7.817	117	78353	18.944	ug/l	98
39) Methylcyclohexane	9.109	83	79386	16.330	ug/l #	84
40) Benzene	8.085	78	215567	18.462	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22071	20.270	ug/l #	86
42) 1,2-Dichloroethane	8.165	62	66246	19.748	ug/l	93
43) Isopropyl Acetate	8.201	43	78688	19.179	ug/l #	76
44) Trichloroethene	8.866	130	50044	17.696	ug/l	89
45) 1,2-Dichloropropane	9.140	63	57904	19.813	ug/l	94
46) Dibromomethane	9.231	93	29781	18.651	ug/l	89
47) Bromodichloromethane	9.426	83	85144	20.089	ug/l	97
48) Methyl methacrylate	9.219	41	33204	18.398	ug/l #	80
49) 1,4-Dioxane	9.231	88	6208	347.374	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	209987	100.342	ug/l	89
52) Toluene	10.170	92	133608	18.331	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	68565	17.980	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	84152	18.702	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	42382	20.146	ug/l	99
56) Ethyl methacrylate	10.438	69	54970	18.210	ug/l #	70
57) 1,3-Dichloropropane	10.719	76	71502	19.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	148071	105.369	ug/l	91
59) 2-Hexanone	10.762	43	150927	100.976	ug/l	86
60) Dibromochloromethane	10.908	129	51415	19.041	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34368	18.079	ug/l	98
64) Tetrachloroethene	10.646	164	42801	17.722	ug/l	95
65) Chlorobenzene	11.438	112	148820	19.163	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	52158	19.850	ug/l	99
67) Ethyl Benzene	11.518	91	267762	18.980	ug/l	98
68) m/p-Xylenes	11.627	106	197011	37.813	ug/l	92
69) o-Xylene	11.950	106	94766	18.931	ug/l	92
70) Styrene	11.969	104	158858	18.809	ug/l	95
71) Bromoform	12.133	173	25837	18.368	ug/l #	99
73) Isopropylbenzene	12.255	105	264183	20.163	ug/l	98
74) N-amyl acetate	12.072	43	68177	19.646	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	50285	21.599	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	35749m	11.715	ug/l	
77) Bromobenzene	12.530	156	52081	18.732	ug/l	79
78) n-propylbenzene	12.597	91	324842	20.518	ug/l	95
79) 2-Chlorotoluene	12.676	91	178942	19.715	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	207438	19.604	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	13859	18.332	ug/l #	80
82) 4-Chlorotoluene	12.773	91	183621	19.786	ug/l	94
83) tert-Butylbenzene	12.993	119	194453	20.514	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	204353	19.479	ug/l	96
85) sec-Butylbenzene	13.176	105	286202	20.208	ug/l	99
86) p-Isopropyltoluene	13.292	119	226779	19.719	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	106778	19.017	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	105340	19.097	ug/l	95
89) n-Butylbenzene	13.615	91	228408	20.340	ug/l	97
90) Hexachloroethane	13.877	117	45074	20.128	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	95350	19.327	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7245	19.499	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	49166	17.773	ug/l	98
94) Hexachlorobutadiene	15.023	225	28367	18.444	ug/l	98
95) Naphthalene	15.145	128	90941	17.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	40772	17.435	ug/l	98

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

