

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020082.D
 Acq On : 30 Oct 2024 15:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103024

Quant Time: Oct 31 15:29:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	473201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	859474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	749198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	323321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	310615	52.594	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	105.180%	
35) Dibromofluoromethane	7.634	113	274061	50.153	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	100.300%	
50) Toluene-d8	10.103	98	1103339	50.725	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	101.460%	
62) 4-Bromofluorobenzene	12.402	95	351612	49.768	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	120512	27.512	ug/l	98
3) Chloromethane	2.068	50	210255	28.978	ug/l	100
4) Vinyl Chloride	2.202	62	232365	29.832	ug/l	98
5) Bromomethane	2.598	94	148623	28.740	ug/l	100
6) Chloroethane	2.739	64	145709	28.986	ug/l	99
7) Trichlorofluoromethane	3.062	101	288596	30.329	ug/l	97
8) Diethyl Ether	3.458	74	76537	28.839	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.818	101	161253	30.214	ug/l	90
10) Methyl Iodide	4.007	142	148079	28.738	ug/l #	89
11) Tert butyl alcohol	4.866	59	50077	117.881	ug/l #	83
12) 1,1-Dichloroethene	3.793	96	155938	30.538	ug/l #	83
13) Acrolein	3.653	56	65380	123.633	ug/l	99
14) Allyl chloride	4.385	41	281369	30.540	ug/l #	91
15) Acrylonitrile	5.055	53	169656	140.436	ug/l	97
16) Acetone	3.866	43	202777	147.642	ug/l #	87
17) Carbon Disulfide	4.110	76	511874	30.122	ug/l	99
18) Methyl Acetate	4.391	43	89321	27.718	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	373674	29.087	ug/l	96
20) Methylene Chloride	4.616	84	162543	26.345	ug/l #	79
21) trans-1,2-Dichloroethene	5.116	96	172847	30.014	ug/l	87
22) Diisopropyl ether	6.019	45	567160	29.665	ug/l	89
23) Vinyl Acetate	5.964	43	1600445	148.749	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	328973	29.716	ug/l	95
25) 2-Butanone	6.890	43	260961	140.170	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	277277	30.103	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	196528	29.687	ug/l	83
28) Bromochloromethane	7.244	49	137380	26.502	ug/l #	71
29) Tetrahydrofuran	7.262	42	150159	139.758	ug/l #	81
30) Chloroform	7.421	83	321845	29.297	ug/l	100
31) Cyclohexane	7.701	56	319127	29.776	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	290109	30.248	ug/l	94
36) 1,1-Dichloropropene	7.835	75	252441	29.905	ug/l	94
37) Ethyl Acetate	6.982	43	108369	26.927	ug/l	95
38) Carbon Tetrachloride	7.817	117	255169	30.060	ug/l	99
39) Methylcyclohexane	9.109	83	325568	30.388	ug/l #	89
40) Benzene	8.079	78	717780	29.132	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	63419	31.457	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	191476	28.075	ug/l	93
43) Isopropyl Acetate	8.195	43	215480	27.843	ug/l #	78
44) Trichloroethene	8.866	130	162773	28.504	ug/l	85
45) 1,2-Dichloropropane	9.140	63	168774	28.630	ug/l	97
46) Dibromomethane	9.231	93	89880	28.139	ug/l	88
47) Bromodichloromethane	9.420	83	240667	28.761	ug/l #	98
48) Methyl methacrylate	9.219	41	102609	28.624	ug/l #	80
49) 1,4-Dioxane	9.225	88	17875	543.556	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	560878	140.651	ug/l	89
52) Toluene	10.170	92	456965	30.087	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	214547	29.035	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	257134	29.155	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	114405	28.807	ug/l	98
56) Ethyl methacrylate	10.438	69	166233	29.180	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	205867	28.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	376129	133.877	ug/l	92
59) 2-Hexanone	10.762	43	408349	142.834	ug/l	87
60) Dibromochloromethane	10.908	129	145391	28.720	ug/l	99
61) 1,2-Dibromoethane	11.012	107	101472	27.501	ug/l	99
64) Tetrachloroethene	10.646	164	144117	29.134	ug/l	94
65) Chlorobenzene	11.438	112	466643	29.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	147606	28.941	ug/l	99
67) Ethyl Benzene	11.518	91	892211	29.899	ug/l	98
68) m/p-Xylenes	11.627	106	660200	60.470	ug/l	91
69) o-Xylene	11.950	106	310053	29.996	ug/l	92
70) Styrene	11.969	104	523115	30.608	ug/l	95
71) Bromoform	12.133	173	77218	29.512	ug/l #	94
73) Isopropylbenzene	12.255	105	846459	32.772	ug/l	98
74) N-ethyl acetate	12.072	43	205663	31.854	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	134581	29.793	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	92645m	30.568	ug/l	
77) Bromobenzene	12.530	156	162960	31.197	ug/l	82
78) n-propylbenzene	12.591	91	1066407	33.175	ug/l	97
79) 2-Chlorotoluene	12.676	91	579585	32.482	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	686904	33.126	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	43078	30.573	ug/l #	84
82) 4-Chlorotoluene	12.773	91	594632	32.684	ug/l	94
83) tert-Butylbenzene	12.993	119	615613	33.952	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	674768	32.854	ug/l	97
85) sec-Butylbenzene	13.176	105	941389	33.819	ug/l	97
86) p-Isopropyltoluene	13.292	119	756263	33.856	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	340750	32.111	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	336322	31.826	ug/l	96
89) n-Butylbenzene	13.615	91	776354	34.671	ug/l	97
90) Hexachloroethane	13.877	117	145909	33.029	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	294420	31.920	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20485	29.903	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	163820	33.062	ug/l	98
94) Hexachlorobutadiene	15.023	225	91247	33.677	ug/l	97
95) Naphthalene	15.145	128	301585	32.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	136291	32.403	ug/l	98

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

