

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020077.D
 Acq On : 30 Oct 2024 13:24
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 30 13:55:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:49:45 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	255489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	453247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	386871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	180601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	59114	18.791	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	37.580%#	
35) Dibromofluoromethane	7.634	113	54397	18.187	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	36.380%#	
50) Toluene-d8	10.103	98	215268	19.490	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	38.980%#	
62) 4-Bromofluorobenzene	12.402	95	68234	17.097	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	34.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	49268	20.715	ug/l	96
3) Chloromethane	2.068	50	80800	26.102	ug/l	97
4) Vinyl Chloride	2.202	62	85353	25.056	ug/l	97
5) Bromomethane	2.592	94	55648	25.809	ug/l	93
6) Chloroethane	2.733	64	55759	24.366	ug/l	96
7) Trichlorofluoromethane	3.056	101	105973	20.907	ug/l	93
8) Diethyl Ether	3.452	74	29994	19.470	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.818	101	57985	19.667	ug/l	91
10) Methyl Iodide	4.007	142	56012	18.784	ug/l	# 89
11) Tert butyl alcohol	4.854	59	23879	81.025	ug/l	# 93
12) 1,1-Dichloroethene	3.787	96	54823	20.002	ug/l	# 76
13) Acrolein	3.653	56	30037	129.943	ug/l	96
14) Allyl chloride	4.385	41	100122	20.246	ug/l	# 90
15) Acrylonitrile	5.055	53	65802	93.388	ug/l	96
16) Acetone	3.873	43	70645	86.267	ug/l	# 85
17) Carbon Disulfide	4.110	76	184555	25.121	ug/l	98
18) Methyl Acetate	4.385	43	35892	20.346	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	140655	17.862	ug/l	100
20) Methylene Chloride	4.616	84	65473	19.811	ug/l	# 76
21) trans-1,2-Dichloroethene	5.116	96	62682	21.012	ug/l	# 83
22) Diisopropyl ether	6.019	45	212810	19.756	ug/l	# 90
23) Vinyl Acetate	5.964	43	587816	95.187	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	121557	20.300	ug/l	95
25) 2-Butanone	6.897	43	97990	89.396	ug/l	# 80
26) 2,2-Dichloropropane	6.884	77	97826	18.345	ug/l	95
27) cis-1,2-Dichloroethene	6.897	96	73022	19.808	ug/l	83
28) Bromochloromethane	7.244	49	53898	20.450	ug/l	# 70
29) Tetrahydrofuran	7.262	42	58334	93.205	ug/l	# 82
30) Chloroform	7.421	83	121164	19.850	ug/l	95
31) Cyclohexane	7.701	56	116249	22.116	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	103121	19.277	ug/l	# 93
36) 1,1-Dichloropropene	7.835	75	89441	20.757	ug/l	93
37) Ethyl Acetate	6.982	43	43815	19.500	ug/l	# 93
38) Carbon Tetrachloride	7.817	117	90537	19.600	ug/l	96
39) Methylcyclohexane	9.110	83	114400	21.071	ug/l	89
40) Benzene	8.079	78	263734	20.224	ug/l	100

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41) Methacrylonitrile	7.214	41	23788	19.561	ug/l #	83
42) 1,2-Dichloroethane	8.159	62	72916	19.463	ug/l	94
43) Isopropyl Acetate	8.195	43	83718	18.270	ug/l #	75
44) Trichloroethene	8.866	130	60253	19.077	ug/l	81
45) 1,2-Dichloropropane	9.140	63	64640	19.804	ug/l	99
46) Dibromomethane	9.225	93	34353	19.263	ug/l	89
47) Bromodichloromethane	9.427	83	88375	18.670	ug/l	97
48) Methyl methacrylate	9.219	41	39516	19.605	ug/l #	80
49) 1,4-Dioxane	9.238	88	6584	329.869	ug/l #	69
51) 4-Methyl-2-Pentanone	10.000	43	216002	92.417	ug/l	88
52) Toluene	10.170	92	163230	20.053	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	79101	18.573	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	93870	18.679	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	42659	18.156	ug/l	96
56) Ethyl methacrylate	10.439	69	61125	18.131	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	79426	19.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	151093	96.270	ug/l	91
59) 2-Hexanone	10.762	43	152298	91.233	ug/l	84
60) Dibromochloromethane	10.908	129	54301	18.006	ug/l	100
61) 1,2-Dibromoethane	11.012	107	38956	18.348	ug/l	98
64) Tetrachloroethene	10.646	164	53279	19.362	ug/l	94
65) Chlorobenzene	11.438	112	169342	19.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	53419	17.843	ug/l	100
67) Ethyl Benzene	11.518	91	311877	19.403	ug/l	99
68) m/p-Xylenes	11.627	106	229769	38.705	ug/l	92
69) o-Xylene	11.951	106	106187	18.617	ug/l	91
70) Styrene	11.969	104	178553	18.555	ug/l	95
71) Bromoform	12.133	173	26700	16.660	ug/l #	99
73) Isopropylbenzene	12.255	105	288608	18.999	ug/l	99
74) N-ethyl acetate	12.066	43	72538	18.029	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	50452	18.691	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	34602m	9.780	ug/l	
77) Bromobenzene	12.530	156	58191	18.052	ug/l	81
78) n-propylbenzene	12.591	91	364746	19.871	ug/l	96
79) 2-Chlorotoluene	12.676	91	200389	19.043	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	236250	19.257	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	15276	17.428	ug/l #	80
82) 4-Chlorotoluene	12.774	91	207370	19.273	ug/l	95
83) tert-Butylbenzene	12.993	119	202147	18.393	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	231420	19.026	ug/l	97
85) sec-Butylbenzene	13.176	105	314228	19.136	ug/l	97
86) p-Isopropyltoluene	13.292	119	254400	19.079	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	121383	18.646	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	119390	18.668	ug/l	96
89) n-Butylbenzene	13.615	91	255253	19.605	ug/l	97
90) Hexachloroethane	13.877	117	49426	19.037	ug/l	85
91) 1,2-Dichlorobenzene	13.658	146	105505	18.445	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7666	17.796	ug/l	68
93) 1,2,4-Trichlorobenzene	14.919	180	56651	17.663	ug/l	96
94) Hexachlorobutadiene	15.017	225	30501	17.105	ug/l	95
95) Naphthalene	15.145	128	102556	16.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	47182	17.402	ug/l	98

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

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