

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081456.D
 Acq On : 18 Mar 2024 17:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 19 05:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2024
 Supervised By :Mahesh Dadoda 03/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	413935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	723216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	647408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	28389	5.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.760%#		
35) Dibromofluoromethane	8.171	113	23472	5.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.280%#		
50) Toluene-d8	10.565	98	82349	4.991	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	12.847	95	27567	4.742	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	9.480%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	27373	4.911	ug/l	89
3) Chloromethane	2.365	50	28452	5.127	ug/l	100
4) Vinyl Chloride	2.518	62	31039	4.984	ug/l	# 83
5) Bromomethane	2.947	94	25247	5.732	ug/l	81
6) Chloroethane	3.112	64	21642	5.061	ug/l	# 82
7) Trichlorofluoromethane	3.494	101	48162	5.189	ug/l	92
8) Diethyl Ether	3.965	74	15002	4.884	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	27282	5.173	ug/l	# 81
10) Methyl Iodide	4.583	142	23207	4.419	ug/l	# 96
11) Tert butyl alcohol	5.524	59	22925	24.921	ug/l	100
12) 1,1-Dichloroethene	4.347	96	23625	4.836	ug/l	84
13) Acrolein	4.177	56	21513	26.062	ug/l	94
14) Allyl chloride	5.024	41	30272	4.945	ug/l	# 81
15) Acrylonitrile	5.730	53	60465	24.569	ug/l	98
16) Acetone	4.436	43	41783	24.492	ug/l	97
17) Carbon Disulfide	4.706	76	69639	4.968	ug/l	98
18) Methyl Acetate	5.018	43	24326	4.625	ug/l	# 79
19) Methyl tert-butyl Ether	5.788	73	73184	4.787	ug/l	# 88
20) Methylene Chloride	5.271	84	29708	5.316	ug/l	# 74
21) trans-1,2-Dichloroethene	5.783	96	27963	5.134	ug/l	84
22) Diisopropyl ether	6.671	45	67350	4.735	ug/l	# 85
23) Vinyl Acetate	6.606	43	276771	24.447	ug/l	# 89
24) 1,1-Dichloroethane	6.565	63	46640	4.896	ug/l	93
25) 2-Butanone	7.482	43	70256	24.010	ug/l	# 89
26) 2,2-Dichloropropane	7.494	77	40509	4.903	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	30431	4.938	ug/l	83
28) Bromochloromethane	7.812	49	21540	5.551	ug/l	# 56
29) Tetrahydrofuran	7.841	42	47587	24.141	ug/l	# 80
30) Chloroform	7.965	83	52140	5.113	ug/l	# 83
31) Cyclohexane	8.259	56	48402	5.635	ug/l	# 70
32) 1,1,1-Trichloroethane	8.165	97	45766	4.946	ug/l	87
36) 1,1-Dichloropropene	8.371	75	36742	4.783	ug/l	94
37) Ethyl Acetate	7.565	43	31617	4.807	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	39145	4.652	ug/l	94
39) Methylcyclohexane	9.600	83	40669	4.741	ug/l	86
40) Benzene	8.606	78	104859	4.670	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081456.D
 Acq On : 18 Mar 2024 17:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2024
 Supervised By : Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	15555	4.472	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	38441	4.864	ug/l	100
43) Isopropyl Acetate	8.688	43	52549	4.820	ug/l #	90
44) Trichloroethene	9.359	130	31178	4.936	ug/l	82
45) 1,2-Dichloropropane	9.623	63	25827	4.746	ug/l	98
46) Dibromomethane	9.706	93	20387	4.933	ug/l #	86
47) Bromodichloromethane	9.888	83	38112	4.716	ug/l #	95
48) Methyl methacrylate	9.682	41	22809	4.536	ug/l #	83
49) 1,4-Dioxane	9.694	88	12483	103.296	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	155771	23.415	ug/l	92
52) Toluene	10.629	92	67670	4.741	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39230	4.496	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43921	4.695	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	28707	4.998	ug/l #	87
56) Ethyl methacrylate	10.876	69	33968	4.892	ug/l	88
57) 1,3-Dichloropropane	11.165	76	45563	4.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	99687	27.581	ug/l #	88
59) 2-Hexanone	11.194	43	113142	23.003	ug/l	94
60) Dibromochloromethane	11.359	129	28747	4.551	ug/l	97
61) 1,2-Dibromoethane	11.470	107	28020	4.785	ug/l	96
64) Tetrachloroethene	11.100	164	30701	4.961	ug/l #	81
65) Chlorobenzene	11.894	112	73468	4.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	25896	4.565	ug/l	96
67) Ethyl Benzene	11.965	91	122827	4.620	ug/l	97
68) m/p-Xylenes	12.070	106	89511	8.981	ug/l	98
69) o-Xylene	12.400	106	45563	4.657	ug/l	91
70) Styrene	12.412	104	68505	4.341	ug/l	96
71) Bromoform	12.582	173	19371	4.545	ug/l #	99
73) Isopropylbenzene	12.700	105	113978	4.604	ug/l	97
74) N-amyl acetate	12.494	43	39838	4.446	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	36179	4.970	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	35283m	5.090	ug/l	
77) Bromobenzene	12.982	156	30102	4.922	ug/l	66
78) n-propylbenzene	13.035	91	132615	4.536	ug/l	96
79) 2-Chlorotoluene	13.129	91	78413	4.481	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	92784	4.537	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.747	75	11397	4.433	ug/l #	82
82) 4-Chlorotoluene	13.223	91	82354	4.773	ug/l	92
83) tert-Butylbenzene	13.441	119	81070	4.597	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	94039	4.576	ug/l	95
85) sec-Butylbenzene	13.617	105	112481	4.462	ug/l	90
86) p-Isopropyltoluene	13.729	119	90807	4.407	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	52623	4.683	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	56781	4.880	ug/l	99
89) n-Butylbenzene	14.059	91	80550	4.408	ug/l	95
90) Hexachloroethane	14.335	117	18257	4.678	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	49562	4.583	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7183	4.637	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	26992	4.316	ug/l	97
94) Hexachlorobutadiene	15.505	225	12049	4.391	ug/l	95
95) Naphthalene	15.647	128	82067	4.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	27868	4.430	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
Data File : VN081456.D
Acq On : 18 Mar 2024 17:38
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2024
Supervised By :Mahesh Dadoda 03/19/2024

Quant Time: Mar 19 05:45:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 05:35:05 2024
Response via : Initial Calibration

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

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

