

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081021.D
 Acq On : 14 Feb 2024 13:01
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:38:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	641728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1142569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	958865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72464	9.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.360%#		
35) Dibromofluoromethane	8.165	113	61240	9.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.700%#		
50) Toluene-d8	10.571	98	206497	8.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.880%#		
62) 4-Bromofluorobenzene	12.847	95	71924	9.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83997	10.206	ug/l	93
3) Chloromethane	2.365	50	97571	9.671	ug/l	92
4) Vinyl Chloride	2.518	62	81157	9.389	ug/l #	89
5) Bromomethane	2.965	94	41490	9.513	ug/l	96
6) Chloroethane	3.124	64	51199	9.213	ug/l	90
7) Trichlorofluoromethane	3.501	101	116397	9.567	ug/l	91
8) Diethyl Ether	3.959	74	45475	9.427	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	67327	9.377	ug/l #	88
10) Methyl Iodide	4.589	142	69043	9.469	ug/l	97
11) Tert butyl alcohol	5.512	59	72621	51.291	ug/l	99
12) 1,1-Dichloroethene	4.336	96	67436	9.642	ug/l	88
13) Acrolein	4.177	56	58714	44.734	ug/l	98
14) Allyl chloride	5.018	41	107614	9.448	ug/l	93
15) Acrylonitrile	5.712	53	174351	48.080	ug/l	95
16) Acetone	4.430	43	147311	47.674	ug/l	90
17) Carbon Disulfide	4.718	76	185303	9.144	ug/l #	95
18) Methyl Acetate	5.024	43	80326	9.870	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	237986	9.752	ug/l	98
20) Methylene Chloride	5.277	84	74505	9.257	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	72908	9.482	ug/l	92
22) Diisopropyl ether	6.677	45	236756	9.503	ug/l	98
23) Vinyl Acetate	6.600	43	972465	48.438	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	135232	9.734	ug/l	96
25) 2-Butanone	7.477	43	245352	48.910	ug/l	93
26) 2,2-Dichloropropane	7.494	77	122625	9.590	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	83979	9.450	ug/l	90
28) Bromochloromethane	7.812	49	50910	9.077	ug/l #	68
29) Tetrahydrofuran	7.836	42	161161	49.989	ug/l	92
30) Chloroform	7.965	83	140498	9.423	ug/l	90
31) Cyclohexane	8.259	56	141924	10.350	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	125111	9.503	ug/l	90
36) 1,1-Dichloropropene	8.377	75	106848	9.776	ug/l	96
37) Ethyl Acetate	7.559	43	94083	9.410	ug/l	98
38) Carbon Tetrachloride	8.365	117	75028	9.378	ug/l	99
39) Methylcyclohexane	9.600	83	126129	9.380	ug/l	91
40) Benzene	8.606	78	305531	9.453	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081021.D
 Acq On : 14 Feb 2024 13:01
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:38:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59111	9.739	ug/l	94
42) 1,2-Dichloroethane	8.677	62	104082	9.072	ug/l	98
43) Isopropyl Acetate	8.688	43	180013	9.610	ug/l	96
44) Trichloroethene	9.353	130	90572	9.461	ug/l	94
45) 1,2-Dichloropropane	9.624	63	74692	9.342	ug/l	96
46) Dibromomethane	9.712	93	52670	9.332	ug/l #	89
47) Bromodichloromethane	9.888	83	103750	9.380	ug/l #	95
48) Methyl methacrylate	9.683	41	84004	9.525	ug/l	95
49) 1,4-Dioxane	9.700	88	36023	179.484	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	513981	49.199	ug/l	96
52) Toluene	10.630	92	188719	9.347	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	120887	9.277	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	126432	9.174	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	72398	9.535	ug/l	91
56) Ethyl methacrylate	10.877	69	115445	9.286	ug/l	90
57) 1,3-Dichloropropane	11.165	76	126935	9.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	286584	46.458	ug/l #	88
59) 2-Hexanone	11.194	43	374755	48.845	ug/l	96
60) Dibromochloromethane	11.359	129	64493	8.933	ug/l	99
61) 1,2-Dibromoethane	11.471	107	73265	9.177	ug/l	97
64) Tetrachloroethene	11.106	164	94980	9.716	ug/l	89
65) Chlorobenzene	11.894	112	191962	9.547	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	66114	9.551	ug/l	97
67) Ethyl Benzene	11.965	91	364109	9.605	ug/l	99
68) m/p-Xylenes	12.071	106	273929	19.596	ug/l	95
69) o-Xylene	12.400	106	129285	9.536	ug/l	99
70) Styrene	12.412	104	209156	9.680	ug/l	98
71) Bromoform	12.576	173	35269	10.014	ug/l #	97
73) Isopropylbenzene	12.694	105	337742	9.325	ug/l	98
74) N-amyl acetate	12.494	43	155828	9.351	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	85874	9.659	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90495m	11.620	ug/l	
77) Bromobenzene	12.982	156	68851	9.385	ug/l	81
78) n-propylbenzene	13.035	91	384567	9.304	ug/l	96
79) 2-Chlorotoluene	13.123	91	221087	9.261	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	266344	9.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31234	9.179	ug/l	86
82) 4-Chlorotoluene	13.223	91	220084	9.540	ug/l	97
83) tert-Butylbenzene	13.441	119	221076	9.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	257232	9.500	ug/l	99
85) sec-Butylbenzene	13.618	105	314213	9.518	ug/l	95
86) p-Isopropyltoluene	13.729	119	253017	9.530	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	118824	9.525	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	121721	9.443	ug/l	98
89) n-Butylbenzene	14.059	91	217088	8.933	ug/l	98
90) Hexachloroethane	14.341	117	4056m	9.122	ug/l	
91) 1,2-Dichlorobenzene	14.106	146	113259	9.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20082	9.988	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	65260	9.007	ug/l	98
94) Hexachlorobutadiene	15.506	225	26365	8.799	ug/l	95
95) Naphthalene	15.641	128	235548	9.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	65193	9.182	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
Data File : VN081021.D
Acq On : 14 Feb 2024 13:01
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:38:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:35:29 2024
Response via : Initial Calibration

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

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

