

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083745.D
 Acq On : 10 Sep 2024 10:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 11 01:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	27018	11.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	22.440%#		
35) Dibromofluoromethane	8.165	113	19074	10.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.260%#		
50) Toluene-d8	10.565	98	67177	10.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.660%#		
62) 4-Bromofluorobenzene	12.847	95	25692	10.043	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	20.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17832	9.613	ug/l	99
3) Chloromethane	2.359	50	19771	8.921	ug/l	92
4) Vinyl Chloride	2.518	62	19072	9.380	ug/l	100
5) Bromomethane	2.906	94	10815	9.264	ug/l	93
6) Chloroethane	3.077	64	14313	10.147	ug/l	91
7) Trichlorofluoromethane	3.471	101	30532	8.847	ug/l	99
8) Diethyl Ether	3.947	74	11175	9.660	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	16686	9.122	ug/l	98
10) Methyl Iodide	4.571	142	20736	8.913	ug/l	92
11) Tert butyl alcohol	5.536	59	14238	44.148	ug/l #	85
12) 1,1-Dichloroethene	4.324	96	15206	8.802	ug/l	93
13) Acrolein	4.165	56	16181	50.851	ug/l	95
14) Allyl chloride	5.018	41	28937	9.400	ug/l	97
15) Acrylonitrile	5.718	53	38879	44.329	ug/l	99
16) Acetone	4.430	43	39908	41.335	ug/l	97
17) Carbon Disulfide	4.700	76	43363	8.973	ug/l	98
18) Methyl Acetate	5.030	43	19195	7.983	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	56481	9.035	ug/l	97
20) Methylene Chloride	5.265	84	18112	9.167	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	16680	9.009	ug/l	96
22) Diisopropyl ether	6.677	45	57127	9.015	ug/l	95
23) Vinyl Acetate	6.600	43	200248	43.152	ug/l	99
24) 1,1-Dichloroethane	6.565	63	32397	8.874	ug/l	98
25) 2-Butanone	7.482	43	53716	42.331	ug/l	96
26) 2,2-Dichloropropane	7.482	77	29484	8.770	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	19822	9.019	ug/l	97
28) Bromochloromethane	7.818	49	15146	9.852	ug/l	97
29) Tetrahydrofuran	7.841	42	33637	44.830	ug/l	97
30) Chloroform	7.965	83	34532	8.910	ug/l	95
31) Cyclohexane	8.253	56	32476	9.330	ug/l	95
32) 1,1,1-Trichloroethane	8.159	97	31603	8.868	ug/l	96
36) 1,1-Dichloropropene	8.371	75	23317	8.637	ug/l	100
37) Ethyl Acetate	7.559	43	22049	8.998	ug/l #	86
38) Carbon Tetrachloride	8.359	117	26621	8.692	ug/l	98
39) Methylcyclohexane	9.594	83	26714	8.693	ug/l	97
40) Benzene	8.606	78	71965	8.856	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083745.D
 Acq On : 10 Sep 2024 10:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 11 01:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	11838	8.168	ug/l	94
42) 1,2-Dichloroethane	8.671	62	27764	9.144	ug/l	98
43) Isopropyl Acetate	8.688	43	38533	8.677	ug/l	95
44) Trichloroethene	9.347	130	16783	8.919	ug/l	93
45) 1,2-Dichloropropane	9.618	63	16998	8.655	ug/l	94
46) Dibromomethane	9.706	93	12363	8.987	ug/l	99
47) Bromodichloromethane	9.888	83	25823	8.674	ug/l	97
48) Methyl methacrylate	9.682	41	18399	8.733	ug/l	98
49) 1,4-Dioxane	9.694	88	6088	175.652	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	106177	43.923	ug/l	96
52) Toluene	10.629	92	43293	8.710	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	26156	8.667	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	28646	9.037	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	16191	8.725	ug/l	94
56) Ethyl methacrylate	10.870	69	24616	8.622	ug/l	94
57) 1,3-Dichloropropane	11.159	76	28273	8.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	49705	48.319	ug/l	100
59) 2-Hexanone	11.194	43	77251	43.201	ug/l	96
60) Dibromochloromethane	11.359	129	18769	9.038	ug/l	97
61) 1,2-Dibromoethane	11.470	107	15958	8.623	ug/l	99
64) Tetrachloroethene	11.100	164	14312	9.082	ug/l	97
65) Chlorobenzene	11.888	112	46098	8.753	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	16565	9.073	ug/l	99
67) Ethyl Benzene	11.965	91	82814	8.852	ug/l	100
68) m/p-Xylenes	12.070	106	61777	17.786	ug/l	100
69) o-Xylene	12.400	106	31015	9.224	ug/l	95
70) Styrene	12.412	104	47767	8.656	ug/l	96
71) Bromoform	12.576	173	10705	8.701	ug/l #	99
73) Isopropylbenzene	12.694	105	76751	9.296	ug/l	99
74) N-amyl acetate	12.494	43	31640	8.982	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	22718	9.365	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	19154m	8.895	ug/l	
77) Bromobenzene	12.982	156	18859	9.489	ug/l	95
78) n-propylbenzene	13.035	91	86960	9.052	ug/l	99
79) 2-Chlorotoluene	13.123	91	57981	9.464	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	64636	9.286	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	6799	8.269	ug/l	85
82) 4-Chlorotoluene	13.223	91	56980	9.268	ug/l	99
83) tert-Butylbenzene	13.435	119	56069	9.207	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	65280	9.336	ug/l	99
85) sec-Butylbenzene	13.617	105	73381	9.085	ug/l	99
86) p-Isopropyltoluene	13.729	119	60366	8.916	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	33957	9.053	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	35292	9.293	ug/l	97
89) n-Butylbenzene	14.053	91	54517	8.968	ug/l	99
90) Hexachloroethane	14.329	117	12655	9.298	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	32924	9.096	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4562	9.434	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	18092	9.314	ug/l	98
94) Hexachlorobutadiene	15.500	225	7717	9.355	ug/l	96
95) Naphthalene	15.641	128	55361	9.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	17348	9.345	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
Data File : VN083745.D
Acq On : 10 Sep 2024 10:20
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 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 01:55:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 01:38:19 2024
Response via : Initial Calibration

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

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

