

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084939.D
 Acq On : 19 Nov 2024 12:04
 Operator : JC\MD
 Sample : VN1119WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	153400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107295	48.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.165	113	83829	46.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.080%
50) Toluene-d8	10.565	98	298770	44.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.847	95	116375	46.424	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	35505	20.134	ug/l	90
3) Chloromethane	2.359	50	38724	17.053	ug/l	100
4) Vinyl Chloride	2.512	62	37524	19.784	ug/l	97
5) Bromomethane	2.900	94	19624	19.528	ug/l	95
6) Chloroethane	3.071	64	25637	21.028	ug/l	91
7) Trichlorofluoromethane	3.471	101	64732	20.718	ug/l	99
8) Diethyl Ether	3.947	74	24332	22.077	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	37890	21.462	ug/l	98
10) Methyl Iodide	4.577	142	49895	21.146	ug/l	89
11) Tert butyl alcohol	5.536	59	39539	135.197	ug/l #	84
12) 1,1-Dichloroethene	4.324	96	35089	20.086	ug/l	99
13) Acrolein	4.171	56	38746	132.861	ug/l	98
14) Allyl chloride	5.012	41	61014	21.537	ug/l	91
15) Acrylonitrile	5.718	53	99453	117.467	ug/l	99
16) Acetone	4.430	43	83867	129.668	ug/l	98
17) Carbon Disulfide	4.700	76	91280	16.967	ug/l	98
18) Methyl Acetate	5.018	43	54445	20.971	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	120002	22.412	ug/l	100
20) Methylene Chloride	5.259	84	40464	20.765	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	36416	20.301	ug/l	96
22) Diisopropyl ether	6.671	45	127521	22.653	ug/l	97
23) Vinyl Acetate	6.600	43	451844	116.394	ug/l	100
24) 1,1-Dichloroethane	6.559	63	72541	21.464	ug/l	97
25) 2-Butanone	7.483	43	132510	128.196	ug/l	93
26) 2,2-Dichloropropane	7.488	77	65164	22.153	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44564	21.277	ug/l	99
28) Bromochloromethane	7.806	49	32455	24.103	ug/l	94
29) Tetrahydrofuran	7.835	42	85265	124.340	ug/l	98
30) Chloroform	7.959	83	74705	21.717	ug/l	98
31) Cyclohexane	8.247	56	61188	20.003	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	67529	21.568	ug/l	97
36) 1,1-Dichloropropene	8.371	75	48395	19.164	ug/l	98
37) Ethyl Acetate	7.559	43	48159	21.019	ug/l	97
38) Carbon Tetrachloride	8.359	117	59083	20.932	ug/l	95
39) Methylcyclohexane	9.594	83	51166	19.917	ug/l	98
40) Benzene	8.606	78	161343	19.895	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084939.D
 Acq On : 19 Nov 2024 12:04
 Operator : JC\MD
 Sample : VN1119WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Quant Time: Nov 20 00:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28975	23.517	ug/l	95
42) 1,2-Dichloroethane	8.665	62	56560	21.535	ug/l	99
43) Isopropyl Acetate	8.688	43	101247	23.406	ug/l	98
44) Trichloroethene	9.347	130	36799	19.675	ug/l	94
45) 1,2-Dichloropropane	9.618	63	40724	21.407	ug/l #	87
46) Dibromomethane	9.706	93	29350	21.864	ug/l	99
47) Bromodichloromethane	9.882	83	59290	20.953	ug/l	98
48) Methyl methacrylate	9.677	41	40672	22.809	ug/l	97
49) 1,4-Dioxane	9.694	88	14939	472.774	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	271597	124.348	ug/l	99
52) Toluene	10.629	92	101476	21.395	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59504	20.315	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64023	20.652	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	37567	21.027	ug/l	96
56) Ethyl methacrylate	10.871	69	60731	23.500	ug/l	98
57) 1,3-Dichloropropane	11.159	76	66585	21.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139701	115.524	ug/l	96
59) 2-Hexanone	11.194	43	199222	125.311	ug/l	98
60) Dibromochloromethane	11.359	129	43948	21.583	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39049	21.343	ug/l	99
64) Tetrachloroethene	11.100	164	31128	19.776	ug/l	95
65) Chlorobenzene	11.888	112	106734	20.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38992	21.175	ug/l	99
67) Ethyl Benzene	11.965	91	180334	20.407	ug/l	97
68) m/p-Xylenes	12.070	106	141718	42.361	ug/l	100
69) o-Xylene	12.394	106	67356	21.522	ug/l	98
70) Styrene	12.412	104	112813	20.664	ug/l	99
71) Bromoform	12.576	173	29251	21.111	ug/l #	96
73) Isopropylbenzene	12.694	105	170186	20.804	ug/l	100
74) N-amyl acetate	12.494	43	77995	22.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59775	21.892	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48875m	20.946	ug/l	
77) Bromobenzene	12.976	156	43527	19.793	ug/l	98
78) n-propylbenzene	13.035	91	196247	20.472	ug/l	100
79) 2-Chlorotoluene	13.123	91	130207	20.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	148984	21.974	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19967m	20.301	ug/l	
82) 4-Chlorotoluene	13.217	91	129440	19.637	ug/l	99
83) tert-Butylbenzene	13.435	119	123942	22.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	149408	21.351	ug/l	98
85) sec-Butylbenzene	13.612	105	165030	20.821	ug/l	100
86) p-Isopropyltoluene	13.729	119	138617	21.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79039	18.417	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78432	19.226	ug/l	99
89) n-Butylbenzene	14.053	91	112053	18.428	ug/l	99
90) Hexachloroethane	14.329	117	27473	18.951	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	81469	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11499	20.788	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38137	16.895	ug/l	99
94) Hexachlorobutadiene	15.500	225	17982	18.140	ug/l	97
95) Naphthalene	15.641	128	122455	18.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37980	17.333	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084939.D
Acq On : 19 Nov 2024 12:04
Operator : JC\MD
Sample : VN1119WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:24:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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

