

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064826.D
 Acq On : 24 Nov 2020 22:17
 Operator : JC/MD
 Sample : VN1124WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:52:00 AM

Quant Time: Nov 25 05:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107427	49.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.28%
35) Dibromofluoromethane	7.55	113	91389	50.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.94%
50) Toluene-d8	10.06	98	357838	48.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.68%
62) 4-Bromofluorobenzene	12.37	95	126335	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28302	17.366	ug/l	98
3) Chloromethane	2.04	50	35313	16.674	ug/l	98
4) Vinyl Chloride	2.17	62	38612	17.488	ug/l	98
5) Bromomethane	2.53	94	21829	15.069	ug/l	97
6) Chloroethane	2.68	64	23962	17.546	ug/l	95
7) Trichlorofluoromethane	2.99	101	53871	17.650	ug/l	96
8) Diethyl Ether	3.37	74	22212	18.437	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33088	18.072	ug/l	99
10) Methyl Iodide	3.91	142	28271	11.904	ug/l	97
11) Tert butyl alcohol	4.74	59	27658	81.126	ug/l #	94
12) 1,1-Dichloroethene	3.69	96	32530	17.840	ug/l	99
13) Acrolein	3.56	56	13681	65.697	ug/l	99
14) Allyl chloride	4.27	41	51864	17.245	ug/l	99
15) Acrylonitrile	4.93	53	83221	88.362	ug/l	100
16) Acetone	3.78	43	66089	91.965	ug/l	98
17) Carbon Disulfide	4.01	76	82900	17.611	ug/l	98
18) Methyl Acetate	4.28	43	37325	17.275	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	105382	18.020	ug/l	98
20) Methylene Chloride	4.50	84	39044	17.338	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	34966	17.268	ug/l	98
22) Diisopropyl ether	5.90	45	113206	18.806	ug/l	96
23) Vinyl Acetate	5.84	43	442623	91.949	ug/l	99
24) 1,1-Dichloroethane	5.79	63	67046	18.637	ug/l	100
25) 2-Butanone	6.79	43	104665	89.846	ug/l	95
26) 2,2-Dichloropropane	6.78	77	49585	15.892	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	41777	18.335	ug/l	96
28) Bromochloromethane	7.15	49	31933	19.403	ug/l	98
29) Tetrahydrofuran	7.17	42	69868	86.884	ug/l	99
30) Chloroform	7.33	83	67137	18.096	ug/l	98
31) Cyclohexane	7.61	56	53754	17.642	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59273	18.602	ug/l	99
36) 1,1-Dichloropropene	7.75	75	49056	17.662	ug/l	100
37) Ethyl Acetate	6.89	43	42064	15.722	ug/l	97
38) Carbon Tetrachloride	7.73	117	50864	17.600	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064826.D
 Acq On : 24 Nov 2020 22:17
 Operator : JC/MD
 Sample : VN1124WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1124WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:52:00 AM

Quant Time: Nov 25 05:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	52103	17.426	ug/l	100
40) Benzene	8.00	78	150257	17.654	ug/l	99
41) Methacrylonitrile	7.13	41	21560	17.465	ug/l	91
42) 1,2-Dichloroethane	8.09	62	51593	17.969	ug/l	100
43) Isopropyl Acetate	8.13	43	73716	17.123	ug/l	99
44) Trichloroethene	8.80	130	43317	17.249	ug/l	94
45) 1,2-Dichloropropane	9.08	63	39738	18.029	ug/l	95
46) Dibromomethane	9.17	93	26394	17.925	ug/l	97
47) Bromodichloromethane	9.37	83	53032	17.899	ug/l	99
48) Methyl methacrylate	9.16	41	35969	17.485	ug/l	98
49) 1,4-Dioxane	9.17	88	13269	341.280	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	229378	88.750	ug/l	99
52) Toluene	10.12	92	96144	18.343	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	56370	17.082	ug/l	96
54) cis-1,3-Dichloropropene	9.80	75	61764	17.462	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38362	17.799	ug/l	98
56) Ethyl methacrylate	10.40	69	53175	17.878	ug/l	100
57) 1,3-Dichloropropane	10.68	76	63511	17.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	147521	90.168	ug/l	99
59) 2-Hexanone	10.72	43	161347	86.743	ug/l	100
60) Dibromochloromethane	10.87	129	43153	18.012	ug/l	96
61) 1,2-Dibromoethane	10.97	107	37985	17.347	ug/l	97
64) Tetrachloroethene	10.60	164	42697	16.370	ug/l	96
65) Chlorobenzene	11.40	112	103005	17.891	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39151	18.504	ug/l	100
67) Ethyl Benzene	11.48	91	174123	18.104	ug/l	99
68) m/p-Xylenes	11.59	106	137498	37.759	ug/l	96
69) o-Xylene	11.92	106	64072	18.542	ug/l	99
70) Styrene	11.94	104	110336	18.914	ug/l	98
71) Bromoform	12.10	173	28120	16.640	ug/l #	99
73) Isopropylbenzene	12.22	105	170414	18.967	ug/l	100
74) N-amyl acetate	12.04	43	62870	17.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	50193	19.059	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	51966m	18.680	ug/l	
77) Bromobenzene	12.50	156	44586	18.406	ug/l	98
78) n-propylbenzene	12.56	91	190277	18.590	ug/l	99
79) 2-Chlorotoluene	12.65	91	115198	18.207	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	144557	19.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	16070	15.833	ug/l	95
82) 4-Chlorotoluene	12.75	91	122375	18.452	ug/l	100
83) tert-Butylbenzene	12.96	119	120968	19.324	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	146444	19.394	ug/l	99
85) sec-Butylbenzene	13.14	105	158877	19.116	ug/l	100
86) p-Isopropyltoluene	13.26	119	145805	19.269	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	79752	18.531	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	77488	17.025	ug/l	98
89) n-Butylbenzene	13.59	91	117372	17.663	ug/l	99
90) Hexachloroethane	13.85	117	24282	18.472	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	76395	18.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9572	16.154	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064826.D
Acq On : 24 Nov 2020 22:17
Operator : JC/MD
Sample : VN1124WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBS02

Manual Integrations
APPROVED

MMDadoda
11/25/2020 9:52:00 AM

Quant Time: Nov 25 05:43:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	41934	16.042	ug/l	100
94) Hexachlorobutadiene	14.98	225	21429	18.441	ug/l	98
95) Naphthalene	15.10	128	128825	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40927	17.408	ug/l	97

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

