

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064705.D
 Acq On : 18 Nov 2020 13:49
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:08 PM

Quant Time: Nov 18 14:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	818325	157.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.00%	
35) Dibromofluoromethane	7.55	113	442042	129.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.18%	
50) Toluene-d8	10.06	98	2214138	162.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.30%	
62) 4-Bromofluorobenzene	12.37	95	870610	169.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	542631	142.601	ug/l	99
3) Chloromethane	2.04	50	609363	133.171	ug/l	100
4) Vinyl Chloride	2.17	62	670060	142.184	ug/l	99
5) Bromomethane	2.51	94	479722	156.599	ug/l	98
6) Chloroethane	2.67	64	447062	146.224	ug/l	97
7) Trichlorofluoromethane	2.98	101	1110025	154.998	ug/l	98
8) Diethyl Ether	3.37	74	367281	147.117	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	477804	142.192	ug/l	98
10) Methyl Iodide	3.91	142	649068	165.997	ug/l	99
11) Tert butyl alcohol	4.74	59	395925	717.226	ug/l	98
12) 1,1-Dichloroethene	3.69	96	462944	146.412	ug/l	95
13) Acrolein	3.56	56	77636	249.249	ug/l	95
14) Allyl chloride	4.27	41	884858	145.683	ug/l	98
15) Acrylonitrile	4.93	53	1205101	776.151	ug/l	99
16) Acetone	3.78	43	961828	524.293	ug/l	99
17) Carbon Disulfide	4.01	76	1399574	148.876	ug/l	99
18) Methyl Acetate	4.28	43	594161	154.267	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1766781	156.078	ug/l	99
20) Methylene Chloride	4.50	84	555730	142.608	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	550976	153.958	ug/l	99
22) Diisopropyl ether	5.90	45	1989847	154.539	ug/l	96
23) Vinyl Acetate	5.84	43	7774141	745.377	ug/l	98
24) 1,1-Dichloroethane	5.80	63	1057623	148.049	ug/l	99
25) 2-Butanone	6.79	43	1692340	704.415	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1012749	154.942	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	647586	156.829	ug/l	97
28) Bromochloromethane	7.15	49	561686	155.552	ug/l	99
29) Tetrahydrofuran	7.17	42	1141827	757.899	ug/l	99
30) Chloroform	7.33	83	1157093	153.280	ug/l	99
31) Cyclohexane	7.61	56	862123	141.081	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	1055167	156.884	ug/l	99
36) 1,1-Dichloropropene	7.75	75	859244	159.631	ug/l	100
37) Ethyl Acetate	6.88	43	759285	160.361	ug/l	99
38) Carbon Tetrachloride	7.73	117	926685	159.909	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064705.D
 Acq On : 18 Nov 2020 13:49
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:08 PM

Quant Time: Nov 18 14:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	788524	164.158	ug/l	97
40) Benzene	8.00	78	2410437	152.647	ug/l	99
41) Methacrylonitrile	7.12	41	371298	155.069	ug/l	95
42) 1,2-Dichloroethane	8.08	62	996921	155.385	ug/l	99
43) Isopropyl Acetate	8.13	43	1372398	157.847	ug/l	99
44) Trichloroethene	8.80	130	648912	161.019	ug/l	97
45) 1,2-Dichloropropane	9.08	63	636886	151.564	ug/l	99
46) Dibromomethane	9.17	93	448157	159.456	ug/l	98
47) Bromodichloromethane	9.37	83	945883	157.377	ug/l	99
48) Methyl methacrylate	9.17	41	673474	153.868	ug/l	100
49) 1,4-Dioxane	9.17	88	159953	2814.459	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3919103	777.289	ug/l	97
52) Toluene	10.12	92	1556730	161.419	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	1081609	170.578	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1115347	165.375	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	593084	156.879	ug/l	98
56) Ethyl methacrylate	10.40	69	934346	171.441	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1038454	157.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2565630	933.997	ug/l	100
59) 2-Hexanone	10.72	43	2903858	796.960	ug/l	97
60) Dibromochloromethane	10.87	129	713674	168.685	ug/l	100
61) 1,2-Dibromoethane	10.98	107	634690	165.283	ug/l	100
64) Tetrachloroethene	10.60	164	659335	172.551	ug/l	98
65) Chlorobenzene	11.41	112	1654026	156.469	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	636325	161.936	ug/l	98
67) Ethyl Benzene	11.48	91	3058718	163.786	ug/l	99
68) m/p-Xylenes	11.59	106	2291305	337.294	ug/l	94
69) o-Xylene	11.92	106	1102250	168.135	ug/l	99
70) Styrene	11.94	104	1940357	175.582	ug/l	99
71) Bromoform	12.10	173	469334	177.289	ug/l	100
73) Isopropylbenzene	12.22	105	2890460	142.305	ug/l	100
74) N-amyl acetate	12.04	43	1387081	156.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	767667	124.112	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	857866m	138.394	ug/l	
77) Bromobenzene	12.50	156	691338	138.419	ug/l	100
78) n-propylbenzene	12.56	91	3394691	146.295	ug/l	100
79) 2-Chlorotoluene	12.65	91	2091646	141.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2462998	146.374	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	328325	148.736	ug/l	94
82) 4-Chlorotoluene	12.75	91	2271179	146.838	ug/l	100
83) tert-Butylbenzene	12.97	119	1954133	148.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2527218	149.697	ug/l	99
85) sec-Butylbenzene	13.14	105	2559242	153.385	ug/l	100
86) p-Isopropyltoluene	13.26	119	2445643	162.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1299043	150.022	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	1315191	146.896	ug/l	99
89) n-Butylbenzene	13.59	91	2242560	172.151	ug/l	99
90) Hexachloroethane	13.85	117	409954	144.309	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1269123	152.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	203181	160.964	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064705.D
Acq On : 18 Nov 2020 13:49
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:10:08 PM

Quant Time: Nov 18 14:16:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 13:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	688094	197.683	ug/l	99
94) Hexachlorobutadiene	14.98	225	275745	160.504	ug/l	99
95) Naphthalene	15.10	128	2383606	207.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	652486	187.832	ug/l	99

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

