

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051618.D
 Acq On : 28 Sep 2018 16:02
 Operator : MD\SY
 Sample : J4870-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 5:27:42 PM

Quant Time: Sep 29 05:03:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	96622	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	526189	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	476056	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	208243	30.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.17%
60) 4-Bromofluorobenzene	12.40	95	210054	28.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.63%
63) Toluene-d8	10.09	98	674745	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%

Target Compounds

					Ovalue
3) Chloromethane	2.06	50	9055	0.954	ug/l 92
4) Vinyl Chloride	2.19	62	444403	47.741	ug/l 98
5) Bromomethane	2.57	94	326955	67.619	ug/l 99
6) Chloroethane	2.70	64	155789	33.361	ug/l 100
12) Methyl Acetate	4.33	43	5325m	1.034	ug/l
15) Acetone	3.82	58	67705	125.226	ug/l 94
18) Methylene Chloride	4.55	84	201153	29.990	ug/l 98
19) trans-1,2-Dichloroethene	5.05	96	144520	23.335	ug/l 97
21) 1,1-Dichloroethane	5.85	63	673278	54.869	ug/l 99
24) Methyl tert-Butyl Ether	5.05	73	1596332	104.109	ug/l 100
25) Chloroform	7.37	83	646503	55.103	ug/l 99
30) 2-Butanone	6.84	43	449399	184.028	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	174751	17.334	ug/l 99
34) Benzene	8.04	78	2247755	84.438	ug/l # 93
37) Trichloroethene	8.83	130	508872	74.456	ug/l 99
39) 1,2-Dichloropropane	9.12	63	677079	92.824	ug/l 99
40) Dibromomethane	9.21	93	502979	124.133	ug/l 98
49) cis-1,3-Dichloropropene	9.84	75	1145412	110.981	ug/l 100
53) Dibromochloromethane	10.90	129	455563	69.853	ug/l 99
54) 1,2-Dibromoethane	11.01	107	544002	99.009	ug/l 99
56) Bromoform	12.13	173	409756	94.687	ug/l 99
58) 4-Methyl-2-Pentanone	9.99	43	788012	145.794	ug/l 99
59) 2-Hexanone	10.75	43	438126	123.216	ug/l 99
61) Tetrachloroethene	10.63	164	350994	52.076	ug/l 98
62) Toluene	10.16	91	1550450	53.115	ug/l 99
64) Chlorobenzene	11.43	112	769222	43.584	ug/l 99
65) 1,1,1,2-Tetrachloroethane	11.51	131	946599	140.460	ug/l 99
66) Ethyl Benzene	11.51	91	489675	16.391	ug/l 100
67) m/p-Xylenes	11.62	106	458392	39.812	ug/l 98
68) o-Xylene	11.95	106	913021	83.069	ug/l 97
69) Styrene	11.96	104	2195009	127.235	ug/l 95
71) 1,1,2,2-Tetrachloroethane	12.50	83	990778	139.678	ug/l 99
72) 1,2,3-Trichloropropane	12.55	75	824638	135.977	ug/l 1
76) 1,3,5-Trimethylbenzene	12.73	105	1265552	51.659	ug/l 99
80) 1,2,4-Trimethylbenzene	13.04	105	2109642	86.216	ug/l 100
83) 1,3-Dichlorobenzene	13.28	146	1506907	118.527	ug/l 99
84) 1,4-Dichlorobenzene	13.36	146	1094450	91.579	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
Data File : VN051618.D
Acq On : 28 Sep 2018 16:02
Operator : MD\SY
Sample : J4870-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Manual Integrations
APPROVED

MMDadoda
10/3/2018 5:27:42 PM

Quant Time: Sep 29 05:03:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	13.88	117	7157	1.428	ug/l	71
87) 1,2-Dichlorobenzene	13.65	146	747474	60.101	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	83797	81.054	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	803135	137.970	ug/l	98
90) Hexachlorobutadiene	15.01	225	722850	152.318	ug/l	98
91) Naphthalene	15.13	128	1850141	116.435	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	4547	0.777	ug/l	88

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
Data File : VN051618.D
Acq On : 28 Sep 2018 16:02
Operator : MD\SY
Sample : J4870-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Manual Integrations
APPROVED

MMDadoda
10/3/2018 5:27:42 PM

Quant Time: Sep 29 05:03:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

