

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
 Data File : VN058345.D
 Acq On : 24 Sep 2019 14:57
 Operator : JC/SP
 Sample : K4839-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 25 08:21:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	79054	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	464608	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	411161	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	209397	29.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.87%
60) 4-Bromofluorobenzene	12.41	95	210258	29.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.50%
63) Toluene-d8	10.08	98	584615	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

					Ovalue
4) Vinyl Chloride	2.17	62	135834	24.799	ug/l 93
6) Chloroethane	2.69	64	124668	38.513	ug/l 97
15) Acetone	3.80	58	19825	29.958	ug/l 80
18) Methylene Chloride	4.53	84	319937	62.494	ug/l 92
21) 1,1-Dichloroethane	5.83	63	170425	17.632	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	737462	130.494	ug/l 88
24) Methyl tert-Butyl Ether	5.02	73	2254964	144.754	ug/l 99
25) Chloroform	7.36	83	504717	51.569	ug/l 100
33) Carbon Tetrachloride	7.76	117	639537	92.024	ug/l 99
36) 1,2-Dichloroethane	8.11	62	318271	37.765	ug/l 99
37) Trichloroethene	8.82	130	388720	72.172	ug/l 98
39) 1,2-Dichloropropane	9.11	63	146974	25.045	ug/l 96
40) Dibromomethane	9.20	93	121431	32.786	ug/l 98
48) t-1,3-Dichloropropene	10.38	75	126251	15.783	ug/l 99
49) cis-1,3-Dichloropropene	9.83	75	735135	82.540	ug/l 100
50) 1,1,2-Trichloroethane	10.56	97	185407	35.819	ug/l 96
54) 1,2-Dibromoethane	11.00	107	184766	34.978	ug/l 99
56) Bromoform	12.13	173	285279	86.974	ug/l 100
59) 2-Hexanone	10.75	43	968544	198.864	ug/l 99
61) Tetrachloroethene	10.63	164	382704	88.845	ug/l 99
62) Toluene	10.15	91	707182	31.405	ug/l 100
64) Chlorobenzene	11.44	112	1146805	82.874	ug/l 100
65) 1,1,1,2-Tetrachloroethane	11.51	131	208644	43.010	ug/l 99
66) Ethyl Benzene	11.51	91	2868144	116.809	ug/l 93
67) m/p-Xylenes	11.62	106	1074954	114.031	ug/l 98
68) o-Xylene	11.95	106	542304	59.162	ug/l 97
69) Styrene	11.97	104	1785745	116.497	ug/l 96
71) 1,1,2,2-Tetrachloroethane	12.51	83	491234	65.066	ug/l 99
76) 1,3,5-Trimethylbenzene	12.74	105	2133771	104.321	ug/l 98
80) 1,2,4-Trimethylbenzene	13.05	105	962369	47.137	ug/l 99
84) 1,4-Dichlorobenzene	13.37	146	1148948	108.750	ug/l 98
87) 1,2-Dichlorobenzene	13.66	146	581834	56.132	ug/l 99
89) 1,2,4-Trichlorobenzene	14.92	180	501021	73.985	ug/l 99
90) Hexachlorobutadiene	15.02	225	191341	58.395	ug/l 98
91) Naphthalene	15.13	128	2489806	133.881	ug/l 99

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

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