

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050045.D
 Acq On : 25 Jul 2018 14:43
 Operator : MD\SY
 Sample : J4086-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1513

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 3:54:23 PM

Quant Time: Jul 26 15:38:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	122116	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	653566	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	572175	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	258331	31.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.73%
60) 4-Bromofluorobenzene	12.40	95	246746	28.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.57%
63) Toluene-d8	10.09	98	837484	30.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.13%

Target Compounds

						Ovalue
3) Chloromethane	2.06	50	330090	38.04	ug/l	99
4) Vinyl Chloride	2.18	62	330249	35.75	ug/l	97
5) Bromomethane	2.56	94	467994	83.11	ug/l	99
6) Chloroethane	2.70	64	517598	94.74	ug/l	98
7) Trichlorofluoromethane	3.01	101	803530	66.57	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	321315	46.10	ug/l	99
21) 1,1-Dichloroethane	5.85	63	960831	72.48	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	929663	120.26	ug/l	90
24) Methyl tert-Butyl Ether	5.06	73	448794	25.28	ug/l	98
25) Chloroform	7.37	83	490262	36.53	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	197940	16.58	ug/l	99
36) 1,2-Dichloroethane	8.13	62	1326597	131.17	ug/l	99
37) Trichloroethene	8.84	130	232790	28.81	ug/l	99
39) 1,2-Dichloropropane	9.12	63	720175	88.75	ug/l	98
41) Bromodichloromethane	9.41	83	1015586	96.00	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	649828	64.44	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	1251854	105.66	ug/l	100
53) Dibromochloromethane	10.90	129	659561	80.73	ug/l	99
54) 1,2-Dibromoethane	11.01	107	481956	68.36	ug/l	99
56) Bromoform	12.13	173	103603	17.96	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	897400	134.79	ug/l	99
62) Toluene	10.16	91	1365943	41.84	ug/l	99
64) Chlorobenzene	11.44	112	2139982	108.10	ug/l	99
66) Ethyl Benzene	11.51	91	1229635	36.86	ug/l	100
67) m/p-Xylenes	11.62	106	1066564	83.07	ug/l	100
68) o-Xylene	11.95	106	1104421	90.41	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	613686	80.44	ug/l	1
80) 1,2,4-Trimethylbenzene	13.04	105	988275	36.51	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	1382844	96.97	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	1044622	70.82	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	25128	18.06	ug/l	96
89) 1,2,4-Trichlorobenzene	14.91	180	709417	100.70	ug/l	100
91) Naphthalene	15.14	128	2053004	100.62	ug/l	99

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

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