

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058811.D
 Acq On : 16 Oct 2019 18:46
 Operator : JC/SP
 Sample : K5399-02MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0006MS

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:51:29 AM

Quant Time: Oct 17 07:40:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	587746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	273041	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	7.57	113	197455	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.08	98	758212	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.41	95	286640	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	236766	52.279	ug/l	99
3) Chloromethane	2.04	50	268822	49.917	ug/l	99
4) Vinyl Chloride	2.17	62	273556	51.001	ug/l	100
5) Bromomethane	2.54	94	163005	49.957	ug/l	100
6) Chloroethane	2.68	64	175249	52.970	ug/l	100
7) Trichlorofluoromethane	3.00	101	330990	51.562	ug/l	98
8) Diethyl Ether	3.39	74	123383	52.021	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	192185	52.507	ug/l	97
10) Methyl Iodide	3.93	142	254613	50.976	ug/l	99
11) Tert butyl alcohol	4.76	59	210484	255.295	ug/l	100
12) 1,1-Dichloroethene	3.72	96	182666	52.307	ug/l	94
13) Acrolein	3.58	56	113114	170.588	ug/l	97
14) Allyl chloride	4.30	41	360218	51.113	ug/l	99
15) Acrylonitrile	4.96	53	576742	277.388	ug/l	100
16) Acetone	3.79	43	507917	240.995	ug/l	99
17) Carbon Disulfide	4.03	76	541948	48.548	ug/l	100
18) Methyl Acetate	4.30	43	283516	53.033	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	680960	54.608	ug/l	96
20) Methylene Chloride	4.53	84	219513	49.835	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	198994	50.942	ug/l	98
22) Diisopropyl ether	5.93	45	759677	55.440	ug/l	98
23) Vinyl Acetate	5.87	43	3092102	279.657	ug/l	100
24) 1,1-Dichloroethane	5.82	63	417869	53.544	ug/l	99
25) 2-Butanone	6.81	43	798029	261.967	ug/l	99
26) 2,2-Dichloropropane	6.80	77	335688	47.121	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	236963	52.020	ug/l	98
28) Bromochloromethane	7.18	49	148569	54.721	ug/l	98
29) Tetrahydrofuran	7.19	42	541338	274.984	ug/l	99
30) Chloroform	7.35	83	415529	52.995	ug/l	100
31) Cyclohexane	7.64	56	368661	49.371	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	360761	53.951	ug/l	99
36) 1,1-Dichloropropene	7.77	75	308520	51.917	ug/l	99
37) Ethyl Acetate	6.91	43	352250	58.612	ug/l	98
38) Carbon Tetrachloride	7.76	117	316330	54.619	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	350627	50.848	ug/l	99
40) Benzene	8.03	78	904965	53.025	ug/l	99
41) Methacrylonitrile	7.16	41	148991m	52.960	ug/l	
42) 1,2-Dichloroethane	8.11	62	352413	53.747	ug/l	99
43) Isopropyl Acetate	8.15	43	540765	52.819	ug/l	100
44) Trichloroethene	8.82	130	223176	52.658	ug/l	99
45) 1,2-Dichloropropane	9.11	63	248104	54.304	ug/l	98
46) Dibromomethane	9.20	93	161092	55.613	ug/l	98
47) Bromodichloromethane	9.39	83	334096	56.639	ug/l	99
48) Methyl methacrylate	9.19	41	256759	55.326	ug/l	98
49) 1,4-Dioxane	9.19	88	82624	1150.816	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1713369	297.986	ug/l	99
52) Toluene	10.15	92	552882	52.966	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	365640	54.046	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	379226	52.794	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	223515	52.316	ug/l	98
56) Ethyl methacrylate	10.43	69	353584	56.649	ug/l	99
57) 1,3-Dichloropropane	10.71	76	396452	54.455	ug/l	100
59) 2-Hexanone	10.75	43	1267937	285.347	ug/l	99
60) Dibromochloromethane	10.90	129	247786	56.222	ug/l	100
61) 1,2-Dibromoethane	11.00	107	229247	53.560	ug/l	99
64) Tetrachloroethene	10.63	164	189108	48.678	ug/l	97
65) Chlorobenzene	11.43	112	584263	51.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	224616	53.883	ug/l	99
67) Ethyl Benzene	11.51	91	1086783	54.081	ug/l	99
68) m/p-Xylenes	11.62	106	802794	106.452	ug/l	98
69) o-Xylene	11.95	106	384605	52.711	ug/l	100
70) Stvrene	11.97	104	640469	53.556	ug/l	99
71) Bromoform	12.13	173	172143	56.338	ug/l #	97
73) Isopropylbenzene	12.25	105	1051127	52.636	ug/l	99
74) N-amyl acetate	12.07	43	469733	52.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	349751	53.165	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	319851m	52.876	ug/l	
77) Bromobenzene	12.53	156	247914	51.040	ug/l	99
78) n-propylbenzene	12.60	91	1251976	53.803	ug/l	99
79) 2-Chlorotoluene	12.68	91	736269	50.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	902729	52.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118025	52.265	ug/l	99
82) 4-Chlorotoluene	12.78	91	751139	50.681	ug/l	99
83) tert-Butylbenzene	13.00	119	758027	51.901	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	910990	53.825	ug/l	100
85) sec-Butylbenzene	13.18	105	1035580	53.811	ug/l	99
86) p-Isopropyltoluene	13.29	119	927432	53.023	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	451777	50.434	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	443860	48.735	ug/l	99
89) n-Butylbenzene	13.62	91	823573	50.922	ug/l	99
90) Hexachloroethane	13.88	117	168357	53.794	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	450765	51.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	75567	49.169	ug/l	96
93) 1,2,4-Trichlorobenzene	14.92	180	253213	47.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	133466	47.588	ug/l	98
95) Naphthalene	15.13	128	720863	47.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	245370	47.190	ug/l	100

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

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