

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056756.D
 Acq On : 16 Jul 2019 10:20
 Operator : JC/SP
 Sample : VN0716WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 4:57:21 PM

Quant Time: Jul 17 01:36:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	343888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	191479	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	165224	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.09	98	643888	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	214094	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	60310	18.677	ug/l	98
3) Chloromethane	2.06	50	79620	18.340	ug/l	99
4) Vinyl Chloride	2.18	62	78700	18.825	ug/l	96
5) Bromomethane	2.55	94	50352	20.481	ug/l	98
6) Chloroethane	2.70	64	45473	18.666	ug/l	98
7) Trichlorofluoromethane	3.01	101	99875	18.618	ug/l	99
8) Diethyl Ether	3.41	74	40934	19.572	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	62977	19.540	ug/l	100
10) Methyl Iodide	3.95	142	74310	17.238	ug/l	99
11) Tert butyl alcohol	4.79	59	63244	99.887	ug/l	99
12) 1,1-Dichloroethene	3.73	96	61219	18.937	ug/l	100
13) Acrolein	3.61	56	24100	117.357	ug/l	95
14) Allyl chloride	4.32	41	105425	18.857	ug/l	98
15) Acrylonitrile	4.99	53	179527	98.185	ug/l	99
16) Acetone	3.82	43	178855	102.033	ug/l	98
17) Carbon Disulfide	4.05	76	155910	18.251	ug/l	100
18) Methyl Acetate	4.33	43	81944	20.235	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	196919	19.118	ug/l	99
20) Methylene Chloride	4.55	84	73099	19.082	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	66814	19.552	ug/l	98
22) Diisopropyl ether	5.95	45	216091	19.582	ug/l	95
23) Vinyl Acetate	5.90	43	896052	100.204	ug/l	100
24) 1,1-Dichloroethane	5.85	63	126110	19.711	ug/l	99
25) 2-Butanone	6.84	43	255101	99.541	ug/l	98
26) 2,2-Dichloropropane	6.82	77	90916	19.708	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	77112	19.611	ug/l	99
28) Bromochloromethane	7.19	49	60135	19.991	ug/l	99
29) Tetrahydrofuran	7.21	42	163414	97.764	ug/l	97
30) Chloroform	7.37	83	123240	19.249	ug/l	98
31) Cyclohexane	7.65	56	121005	19.899	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	99134	19.579	ug/l	98
36) 1,1-Dichloropropene	7.79	75	92718	18.900	ug/l	99
37) Ethyl Acetate	6.93	43	95609	19.775	ug/l	98
38) Carbon Tetrachloride	7.77	117	85056	18.489	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	114122	18.841	ug/l	98
40) Benzene	8.04	78	290996	19.360	ug/l	100
41) Methacrylonitrile	7.17	41	46275	21.789	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	93180	19.615	ug/l	99
43) Isopropyl Acetate	8.17	43	154055	20.268	ug/l	99
44) Trichloroethene	8.84	130	78729	19.288	ug/l	98
45) 1,2-Dichloropropane	9.12	63	78193	19.578	ug/l	96
46) Dibromomethane	9.21	93	48489	19.591	ug/l	99
47) Bromodichloromethane	9.40	83	90536	19.249	ug/l	98
48) Methyl methacrylate	9.20	41	73987	20.128	ug/l	99
49) 1,4-Dioxane	9.20	88	30677	406.719	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	480408	97.584	ug/l	99
52) Toluene	10.16	92	176576	19.781	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	96217	19.608	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	111292	19.545	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	72200	19.284	ug/l	99
56) Ethyl methacrylate	10.43	69	107385	19.933	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122079	19.964	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	252286	97.386	ug/l	100
59) 2-Hexanone	10.75	43	354112	100.246	ug/l	100
60) Dibromochloromethane	10.90	129	72271	19.627	ug/l	100
61) 1,2-Dibromoethane	11.00	107	74300	19.968	ug/l	98
64) Tetrachloroethene	10.63	164	78956	19.521	ug/l	99
65) Chlorobenzene	11.43	112	187735	19.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68765	19.483	ug/l	98
67) Ethyl Benzene	11.51	91	328539	19.502	ug/l	99
68) m/p-Xylenes	11.62	106	245813	39.043	ug/l	97
69) o-Xylene	11.95	106	120955	19.541	ug/l	100
70) Styrene	11.96	104	200478	20.034	ug/l	99
71) Bromoform	12.13	173	51531	19.189	ug/l #	98
73) Isopropylbenzene	12.25	105	316445	19.325	ug/l	100
74) N-amyl acetate	12.07	43	116526	19.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102913	20.559	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	90833m	20.449	ug/l	
77) Bromobenzene	12.53	156	85464	19.954	ug/l	96
78) n-propylbenzene	12.59	91	350623	19.287	ug/l	100
79) 2-Chlorotoluene	12.67	91	212637	20.188	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	269720	19.434	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28273	19.658	ug/l	97
82) 4-Chlorotoluene	12.77	91	207577	19.457	ug/l	99
83) tert-Butylbenzene	12.99	119	227429	20.160	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	268339	19.791	ug/l	99
85) sec-Butylbenzene	13.17	105	302643	19.625	ug/l	100
86) p-Isopropyltoluene	13.29	119	272566	19.510	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	133830	19.066	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	129629	18.986	ug/l	98
89) n-Butylbenzene	13.61	91	216264	19.218	ug/l	99
90) Hexachloroethane	13.87	117	40212	17.799	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	135751	18.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16991	19.350	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	63272	18.467	ug/l	99
94) Hexachlorobutadiene	15.01	225	48815	20.891	ug/l	98
95) Naphthalene	15.13	128	154163	17.411	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	65666	18.891	ug/l	99

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

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