

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056815.D
 Acq On : 18 Jul 2019 16:27
 Operator : JC/SP
 Sample : VN0718WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 11:31:43 PM

Quant Time: Jul 19 09:03:07 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	296690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	456710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	402325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	164823	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	144408	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	549003	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	177179	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	51720	18.565	ug/l	100
3) Chloromethane	2.06	50	68151	18.195	ug/l	99
4) Vinyl Chloride	2.18	62	67176	18.625	ug/l	98
5) Bromomethane	2.55	94	41760	19.688	ug/l	96
6) Chloroethane	2.70	64	38528	18.331	ug/l	98
7) Trichlorofluoromethane	3.01	101	89146	19.262	ug/l	97
8) Diethyl Ether	3.41	74	36576	20.270	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	55154	19.836	ug/l	99
10) Methyl Iodide	3.95	142	67695	18.202	ug/l	99
11) Tert butyl alcohol	4.79	59	55054	100.784	ug/l	97
12) 1,1-Dichloroethene	3.73	96	54256	19.453	ug/l	98
13) Acrolein	3.61	56	12884	76.779	ug/l	95
14) Allyl chloride	4.32	41	90533	18.770	ug/l	98
15) Acrylonitrile	4.99	53	162429	102.966	ug/l	99
16) Acetone	3.82	43	138131	91.336	ug/l	99
17) Carbon Disulfide	4.05	76	127378	17.283	ug/l	99
18) Methyl Acetate	4.33	43	72548	20.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	175372	19.735	ug/l	99
20) Methylene Chloride	4.55	84	64339	19.468	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	57241	19.416	ug/l	97
22) Diisopropyl ether	5.95	45	192572	20.227	ug/l	96
23) Vinyl Acetate	5.90	43	782786	101.464	ug/l	100
24) 1,1-Dichloroethane	5.85	63	109872	19.905	ug/l	99
25) 2-Butanone	6.84	43	217962	98.579	ug/l	97
26) 2,2-Dichloropropane	6.82	77	78426	19.705	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	68208	20.106	ug/l	99
28) Bromochloromethane	7.19	49	49878	19.219	ug/l	100
29) Tetrahydrofuran	7.22	42	148085	102.687	ug/l	99
30) Chloroform	7.37	83	108016	19.555	ug/l	98
31) Cyclohexane	7.65	56	102821	19.599	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	89263	20.434	ug/l	99
36) 1,1-Dichloropropene	7.79	75	78957	18.683	ug/l	100
37) Ethyl Acetate	6.93	43	87823	21.084	ug/l	98
38) Carbon Tetrachloride	7.77	117	75640	19.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	98232	18.824	ug/l	99
40) Benzene	8.04	78	253180	19.552	ug/l	99
41) Methacrylonitrile	7.18	41	37913m	20.721	ug/l	
42) 1,2-Dichloroethane	8.13	62	82400	20.134	ug/l	100
43) Isopropyl Acetate	8.17	43	130213	19.885	ug/l #	92
44) Trichloroethene	8.83	130	69158	19.667	ug/l	100
45) 1,2-Dichloropropane	9.12	63	68142	19.804	ug/l	96
46) Dibromomethane	9.21	93	43676	20.483	ug/l	99
47) Bromodichloromethane	9.40	83	82118	20.266	ug/l	95
48) Methyl methacrylate	9.20	41	64915	20.498	ug/l	99
49) 1,4-Dioxane	9.20	88	26546	408.526	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	433185	102.137	ug/l	100
52) Toluene	10.16	92	154958	20.150	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	82289	19.465	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	95534	19.474	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	63645	19.731	ug/l	98
56) Ethyl methacrylate	10.43	69	93966	20.246	ug/l	99
57) 1,3-Dichloropropane	10.71	76	105194	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	222416	99.657	ug/l	99
59) 2-Hexanone	10.75	43	300191	98.643	ug/l	99
60) Dibromochloromethane	10.90	129	62201	19.608	ug/l	99
61) 1,2-Dibromoethane	11.00	107	64540	20.133	ug/l	99
64) Tetrachloroethene	10.63	164	70213	20.229	ug/l	97
65) Chlorobenzene	11.43	112	162384	19.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	61341	20.252	ug/l	100
67) Ethyl Benzene	11.51	91	284293	19.664	ug/l	99
68) m/p-Xylenes	11.62	106	210600	38.978	ug/l	99
69) o-Xylene	11.95	106	105119	19.789	ug/l	100
70) Styrene	11.96	104	167879	19.549	ug/l	98
71) Bromoform	12.13	173	45290	19.652	ug/l #	99
73) Isopropylbenzene	12.25	105	275292	20.870	ug/l	99
74) N-amyl acetate	12.07	43	97462	19.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	91522	22.907	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	80517m	22.503	ug/l	
77) Bromobenzene	12.52	156	72208	20.928	ug/l	97
78) n-propylbenzene	12.59	91	293925	20.071	ug/l	100
79) 2-Chlorotoluene	12.67	91	184512	21.878	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	231038	20.666	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22957	19.815	ug/l	96
82) 4-Chlorotoluene	12.77	91	172987	20.129	ug/l	100
83) tert-Butylbenzene	12.99	119	200440	22.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	231521	21.198	ug/l	99
85) sec-Butylbenzene	13.17	105	256347	20.635	ug/l	99
86) p-Isopropyltoluene	13.29	119	229230	20.369	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	111134	19.655	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	105981	19.269	ug/l	98
89) n-Butylbenzene	13.61	91	174313	19.229	ug/l	99
90) Hexachloroethane	13.87	117	37549	20.633	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	114043	19.720	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13850	19.581	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47625	17.498	ug/l	100
94) Hexachlorobutadiene	15.01	225	40656	21.644	ug/l	99
95) Naphthalene	15.13	128	113257	16.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51622	18.516	ug/l	98

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

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