

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054692.D
 Acq On : 26 Mar 2019 12:20
 Operator : JC/SP
 Sample : VN0326WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:10:19 AM

Quant Time: Mar 27 04:29:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	395603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	662057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	244928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	276867	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
35) Dibromofluoromethane	7.59	113	220248	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.09	98	798563	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	269967	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	81940	21.667	ug/l	98
3) Chloromethane	2.06	50	110991	21.570	ug/l	98
4) Vinyl Chloride	2.19	62	104206	20.171	ug/l	100
5) Bromomethane	2.58	94	60753	18.187	ug/l	94
6) Chloroethane	2.71	64	58741	18.957	ug/l	97
7) Trichlorofluoromethane	3.03	101	129310	20.611	ug/l	98
8) Diethyl Ether	3.41	74	43419	17.995	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.75	101	68901	18.687	ug/l	94
10) Methyl Iodide	3.94	142	96087	17.716	ug/l #	87
11) Tert butyl alcohol	4.82	59	31145	104.546	ug/l	97
12) 1,1-Dichloroethene	3.73	96	67924	17.801	ug/l #	71
13) Acrolein	3.61	56	41729	101.502	ug/l	95
14) Allyl chloride	4.32	41	160497	22.337	ug/l #	90
15) Acrylonitrile	5.00	53	169309	114.124	ug/l	98
16) Acetone	3.82	43	129914	87.815	ug/l #	82
17) Carbon Disulfide	4.04	76	186700	18.261	ug/l	99
18) Methyl Acetate	4.33	43	75761	22.976	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	241914	21.724	ug/l	96
20) Methylene Chloride	4.55	84	92820	21.284	ug/l #	85
21) trans-1,2-Dichloroethene	5.04	96	84831	21.772	ug/l	85
22) Diisopropyl ether	5.96	45	333910	23.560	ug/l #	94
23) Vinyl Acetate	5.90	43	1149786	114.866	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	175114	22.947	ug/l	97
25) 2-Butanone	6.85	43	208564	110.054	ug/l	89
26) 2,2-Dichloropropane	6.82	77	118289	21.745	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	101328	21.803	ug/l	88
28) Bromochloromethane	7.19	49	90175	24.007	ug/l #	72
29) Tetrahydrofuran	7.22	42	141502	115.061	ug/l #	84
30) Chloroform	7.37	83	169761	22.795	ug/l	99
31) Cyclohexane	7.65	56	161498	21.009	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	136640	22.239	ug/l	95
36) 1,1-Dichloropropene	7.79	75	121984	19.706	ug/l	96
37) Ethyl Acetate	6.94	43	95992	21.803	ug/l #	94
38) Carbon Tetrachloride	7.77	117	117701	19.566	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	133174	18.807	ug/l	89
40) Benzene	8.04	78	366242	20.690	ug/l	98
41) Methacrylonitrile	7.18	41	56424	21.014	ug/l	88
42) 1,2-Dichloroethane	8.13	62	135855	21.074	ug/l	96
43) Isopropyl Acetate	8.17	43	156188	21.005	ug/l #	93
44) Trichloroethene	8.83	130	95908	19.488	ug/l	91
45) 1,2-Dichloropropane	9.12	63	104731	22.034	ug/l	99
46) Dibromomethane	9.21	93	59932	21.135	ug/l	89
47) Bromodichloromethane	9.40	83	127634	21.688	ug/l	96
48) Methyl methacrylate	9.20	41	83271	20.633	ug/l #	85
49) 1,4-Dioxane	9.20	88	17850	395.633	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	445584	108.129	ug/l	93
52) Toluene	10.16	92	219552	20.166	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	111672	19.417	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	139175	20.625	ug/l #	87
55) 1,1,2-Trichloroethane	10.56	97	82258	21.019	ug/l	96
56) Ethyl methacrylate	10.43	69	103835	19.768	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	145559	21.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	186657	86.296	ug/l	89
59) 2-Hexanone	10.75	43	275597	102.388	ug/l	91
60) Dibromochloromethane	10.90	129	83638	20.084	ug/l	99
61) 1,2-Dibromoethane	11.00	107	79641	20.584	ug/l	99
64) Tetrachloroethene	10.63	164	91738	19.385	ug/l	92
65) Chlorobenzene	11.43	112	236508	20.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87435	20.992	ug/l	98
67) Ethyl Benzene	11.51	91	419721	20.476	ug/l	98
68) m/p-Xylenes	11.62	106	308117	39.684	ug/l	94
69) o-Xylene	11.95	106	153734	20.275	ug/l	96
70) Styrene	11.96	104	251152	20.396	ug/l	97
71) Bromoform	12.13	173	49736	18.771	ug/l #	99
73) Isopropylbenzene	12.25	105	403365	20.437	ug/l	98
74) N-amyl acetate	12.07	43	124610	21.958	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	102448	22.739	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	87297m	22.461	ug/l	
77) Bromobenzene	12.53	156	98545	20.132	ug/l	86
78) n-propylbenzene	12.59	91	449062	20.982	ug/l	96
79) 2-Chlorotoluene	12.67	91	278392	20.860	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	334699	20.691	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19172	19.098	ug/l #	77
82) 4-Chlorotoluene	12.77	91	266297	20.585	ug/l	96
83) tert-Butylbenzene	12.99	119	284636	20.215	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	329302	20.747	ug/l	97
85) sec-Butylbenzene	13.17	105	364089	20.743	ug/l	97
86) p-Isopropyltoluene	13.29	119	321702	20.486	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	164555	20.286	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	156130	19.782	ug/l	96
89) n-Butylbenzene	13.61	91	248666	20.251	ug/l	98
90) Hexachloroethane	13.87	117	51529	21.140	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	164641	20.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15162	22.944	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71862	18.347	ug/l	99
94) Hexachlorobutadiene	15.01	225	52435	22.462	ug/l	99
95) Naphthalene	15.13	128	160454	18.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74958	19.229	ug/l	99

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

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