

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052632.D
 Acq On : 3 Dec 2018 15:36
 Operator : MD\SY
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 2:56:54 PM

Quant Time: Dec 04 01:12:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	961339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1505997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1331637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	589133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	524148	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.59	113	474653	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1797745	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	601971	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158124	17.567	ug/l	98
3) Chloromethane	2.06	50	209012	17.591	ug/l	100
4) Vinyl Chloride	2.19	62	218400	17.894	ug/l	99
5) Bromomethane	2.57	94	132953	17.458	ug/l	97
6) Chloroethane	2.71	64	132233	17.886	ug/l	98
7) Trichlorofluoromethane	3.02	101	278721	18.590	ug/l	96
8) Diethyl Ether	3.41	74	107777	19.466	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	175810	18.793	ug/l	99
10) Methyl Iodide	3.96	142	245123	19.672	ug/l	99
11) Tert butyl alcohol	4.79	59	59252	113.072	ug/l	97
12) 1,1-Dichloroethene	3.74	96	165355	18.362	ug/l	97
13) Acrolein	3.61	56	60173	66.070	ug/l	99
14) Allyl chloride	4.33	41	279979	18.039	ug/l	97
15) Acrylonitrile	4.99	53	326829	98.528	ug/l	99
16) Acetone	3.82	43	232435	84.190	ug/l	100
17) Carbon Disulfide	4.06	76	465507	16.426	ug/l	99
18) Methyl Acetate	4.33	43	160291	20.240	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	470172	19.624	ug/l	97
20) Methylene Chloride	4.55	84	198174	18.343	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	177320	18.437	ug/l	98
22) Diisopropyl ether	5.95	45	611651	18.762	ug/l	99
23) Vinyl Acetate	5.90	43	1923124	94.708	ug/l	99
24) 1,1-Dichloroethane	5.85	63	348580	18.726	ug/l	99
25) 2-Butanone	6.84	43	366317	93.611	ug/l	98
26) 2,2-Dichloropropane	6.83	77	222024	17.232	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	209121	18.666	ug/l	98
28) Bromochloromethane	7.20	49	150793	17.736	ug/l	93
29) Tetrahydrofuran	7.21	42	250678	99.318	ug/l	98
30) Chloroform	7.37	83	342063	18.419	ug/l	98
31) Cyclohexane	7.66	56	324036	17.750	ug/l	# 93
32) 1,1,1-Trichloroethane	7.57	97	283819	19.289	ug/l	98
36) 1,1-Dichloropropene	7.80	75	254499	17.895	ug/l	98
37) Ethyl Acetate	6.93	43	167578	19.308	ug/l	99
38) Carbon Tetrachloride	7.78	117	243521	18.915	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	309085	17.881	ug/l	98
40) Benzene	8.04	78	797712	18.822	ug/l	100
41) Methacrylonitrile	7.18	41	88429	18.636	ug/l	93
42) 1,2-Dichloroethane	8.13	62	245826	19.156	ug/l	99
43) Isopropyl Acetate	8.17	43	303692	20.676	ug/l	97
44) Trichloroethene	8.84	130	204287	18.817	ug/l	99
45) 1,2-Dichloropropane	9.12	63	208982	18.546	ug/l	99
46) Dibromomethane	9.21	93	122558	19.648	ug/l	99
47) Bromodichloromethane	9.40	83	256792	18.935	ug/l	100
48) Methyl methacrylate	9.20	41	148899	19.442	ug/l	100
49) 1,4-Dioxane	9.20	88	36394	457.874	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	826956	100.347	ug/l	100
52) Toluene	10.16	92	492888	19.573	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	246319	18.879	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	293839	18.793	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	176802	19.960	ug/l	99
56) Ethyl methacrylate	10.43	69	222359	19.798	ug/l	98
57) 1,3-Dichloropropane	10.71	76	300617	19.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	646464	100.580	ug/l	99
59) 2-Hexanone	10.75	43	539997	97.632	ug/l	99
60) Dibromochloromethane	10.90	129	190296	19.781	ug/l	99
61) 1,2-Dibromoethane	11.01	107	174239	19.805	ug/l	99
64) Tetrachloroethene	10.63	164	203175	19.679	ug/l	97
65) Chlorobenzene	11.44	112	532688	19.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	184805	19.357	ug/l	99
67) Ethyl Benzene	11.51	91	909785	18.921	ug/l	99
68) m/p-Xylenes	11.62	106	686085	38.328	ug/l	99
69) o-Xylene	11.95	106	335096	19.277	ug/l	100
70) Styrene	11.97	104	537999	19.432	ug/l	100
71) Bromoform	12.13	173	127587	20.183	ug/l #	98
73) Isopropylbenzene	12.25	105	901812	19.511	ug/l	99
74) N-amyl acetate	12.07	43	234754	20.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	214454	20.396	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	181656m	19.996	ug/l	
77) Bromobenzene	12.53	156	222415	19.468	ug/l	98
78) n-propylbenzene	12.59	91	1010053	19.236	ug/l	100
79) 2-Chlorotoluene	12.68	91	603254	19.292	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	726685	19.713	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51721	19.012	ug/l	96
82) 4-Chlorotoluene	12.77	91	593839	18.843	ug/l	98
83) tert-Butylbenzene	12.99	119	638630	19.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	728755	19.726	ug/l	99
85) sec-Butylbenzene	13.17	105	874674	19.541	ug/l	99
86) p-Isopropyltoluene	13.29	119	741190	19.441	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	384624	19.246	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	380100	19.310	ug/l	99
89) n-Butylbenzene	13.62	91	596911	18.826	ug/l	99
90) Hexachloroethane	13.88	117	122670	19.003	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	380880	19.949	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30763	20.457	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	180730	19.131	ug/l	99
94) Hexachlorobutadiene	15.01	225	116866	19.027	ug/l	99
95) Naphthalene	15.14	128	375020	19.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	172134	19.651	ug/l	99

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

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