

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052600.D
 Acq On : 30 Nov 2018 12:14
 Operator : MD\SY
 Sample : VN1130WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 10:49:33 AM

Quant Time: Dec 01 01:08:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1008801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1588367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1392672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	609479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	562555	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	502551	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.09	98	1911791	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	634241	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	169661	17.962	ug/l	98
3) Chloromethane	2.06	50	223104	17.894	ug/l	100
4) Vinyl Chloride	2.19	62	235858	18.415	ug/l	98
5) Bromomethane	2.58	94	145967	18.265	ug/l	98
6) Chloroethane	2.71	64	141728	18.268	ug/l	98
7) Trichlorofluoromethane	3.02	101	300876	19.124	ug/l	97
8) Diethyl Ether	3.41	74	113201	19.484	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	188949	19.247	ug/l	99
10) Methyl Iodide	3.96	142	254951	19.499	ug/l	100
11) Tert butyl alcohol	4.78	59	60643	110.282	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	179234	18.967	ug/l	100
13) Acrolein	3.61	56	74619	100.478	ug/l	100
14) Allyl chloride	4.33	41	308094	18.917	ug/l	98
15) Acrylonitrile	4.99	53	349782	100.487	ug/l	99
16) Acetone	3.82	43	267223	92.237	ug/l	100
17) Carbon Disulfide	4.06	76	510097	17.153	ug/l	99
18) Methyl Acetate	4.33	43	165753	19.945	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	507376	20.180	ug/l	97
20) Methylene Chloride	4.55	84	207292	18.284	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	191942	19.018	ug/l	97
22) Diisopropyl ether	5.96	45	662306	19.360	ug/l	98
23) Vinyl Acetate	5.90	43	2092557	98.203	ug/l	99
24) 1,1-Dichloroethane	5.85	63	377649	19.334	ug/l	99
25) 2-Butanone	6.84	43	401260	97.716	ug/l	97
26) 2,2-Dichloropropane	6.83	77	258986	19.155	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	226990	19.307	ug/l	98
28) Bromochloromethane	7.20	49	178702	20.030	ug/l	96
29) Tetrahydrofuran	7.21	42	263810	99.603	ug/l	98
30) Chloroform	7.37	83	366639	18.813	ug/l	99
31) Cyclohexane	7.66	56	354587	18.525	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	301317	19.515	ug/l	99
36) 1,1-Dichloropropene	7.79	75	280196	18.681	ug/l	100
37) Ethyl Acetate	6.93	43	180751	19.746	ug/l	99
38) Carbon Tetrachloride	7.78	117	262287	19.316	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	331001	18.156	ug/l	100
40) Benzene	8.04	78	848986	18.993	ug/l	100
41) Methacrylonitrile	7.17	41	96896	19.361	ug/l	98
42) 1,2-Dichloroethane	8.13	62	260733	19.264	ug/l	99
43) Isopropyl Acetate	8.17	43	313301	20.224	ug/l	99
44) Trichloroethene	8.84	130	221637	19.357	ug/l	99
45) 1,2-Dichloropropane	9.12	63	228771	19.250	ug/l	100
46) Dibromomethane	9.21	93	129098	19.623	ug/l	98
47) Bromodichloromethane	9.40	83	277175	19.378	ug/l	98
48) Methyl methacrylate	9.20	41	163248	20.210	ug/l	98
49) 1,4-Dioxane	9.20	88	35776	426.758	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	881335	101.399	ug/l	100
52) Toluene	10.16	92	515181	19.398	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	266727	19.383	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	320474	19.434	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186816	19.997	ug/l	98
56) Ethyl methacrylate	10.43	69	237088	19.985	ug/l	98
57) 1,3-Dichloropropane	10.71	76	323066	19.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	684179	100.927	ug/l	99
59) 2-Hexanone	10.75	43	580627	99.534	ug/l	99
60) Dibromochloromethane	10.90	129	199853	19.697	ug/l	99
61) 1,2-Dibromoethane	11.01	107	180916	19.498	ug/l	99
64) Tetrachloroethene	10.63	164	210312	19.477	ug/l	97
65) Chlorobenzene	11.44	112	556760	19.388	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194223	19.452	ug/l	99
67) Ethyl Benzene	11.51	91	974252	19.373	ug/l	100
68) m/p-Xylenes	11.62	106	726222	38.792	ug/l	99
69) o-Xylene	11.95	106	352181	19.372	ug/l	99
70) Styrene	11.97	104	574496	19.840	ug/l	99
71) Bromoform	12.13	173	129334	19.563	ug/l #	99
73) Isopropylbenzene	12.25	105	951362	19.896	ug/l	100
74) N-amyl acetate	12.07	43	242537	20.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	223053	20.506	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	189776m	20.192	ug/l	
77) Bromobenzene	12.53	156	235647	19.938	ug/l	98
78) n-propylbenzene	12.59	91	1069717	19.692	ug/l	100
79) 2-Chlorotoluene	12.68	91	636239	19.668	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	762224	19.987	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	55222	19.622	ug/l	96
82) 4-Chlorotoluene	12.77	91	629693	19.314	ug/l	99
83) tert-Butylbenzene	12.99	119	677502	19.927	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	764254	19.997	ug/l	99
85) sec-Butylbenzene	13.17	105	912200	19.699	ug/l	100
86) p-Isopropyltoluene	13.29	119	768976	19.497	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	407047	19.689	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	398094	19.549	ug/l	99
89) n-Butylbenzene	13.62	91	634492	19.343	ug/l	99
90) Hexachloroethane	13.88	117	126440	18.933	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	393211	19.907	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31874	20.488	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	194742	19.809	ug/l	99
94) Hexachlorobutadiene	15.01	225	127008	19.988	ug/l	99
95) Naphthalene	15.13	128	404586	19.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	186456	20.447	ug/l	98

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

