

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052287.D
 Acq On : 13 Nov 2018 15:30
 Operator : MD\SY
 Sample : VN1113WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 11:10:28 AM

Quant Time: Nov 14 01:22:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	470190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	419731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189438	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	153624	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.09	98	583232	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	187331	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	59254	19.808	ug/l	96
3) Chloromethane	2.06	50	78287	18.745	ug/l	99
4) Vinyl Chloride	2.19	62	68868	19.791	ug/l	98
5) Bromomethane	2.58	94	39636	17.953	ug/l	92
6) Chloroethane	2.71	64	39418	19.076	ug/l	97
7) Trichlorofluoromethane	3.03	101	94555	19.520	ug/l	99
8) Diethyl Ether	3.41	74	34883	18.305	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	57063	18.362	ug/l	98
10) Methyl Iodide	3.96	142	75620	18.754	ug/l	99
11) Tert butyl alcohol	4.78	59	17658	91.543	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	52567	18.274	ug/l	96
13) Acrolein	3.61	56	23314	101.360	ug/l	94
14) Allyl chloride	4.33	41	106319	17.653	ug/l	96
15) Acrylonitrile	4.99	53	107667	90.816	ug/l	99
16) Acetone	3.82	43	81965	78.677	ug/l	96
17) Carbon Disulfide	4.06	76	148863	17.839	ug/l	98
18) Methyl Acetate	4.33	43	55679	17.707	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	154681	18.821	ug/l	96
20) Methylene Chloride	4.56	84	65363	19.054	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	58092	18.581	ug/l	99
22) Diisopropyl ether	5.95	45	228806	18.951	ug/l	95
23) Vinyl Acetate	5.90	43	767559	92.651	ug/l	100
24) 1,1-Dichloroethane	5.85	63	120775	18.939	ug/l	99
25) 2-Butanone	6.84	43	132379	82.465	ug/l	99
26) 2,2-Dichloropropane	6.83	77	81286	17.453	ug/l	99
27) cis-1,2-Dichloroethene	6.84	96	66599	19.030	ug/l	99
28) Bromochloromethane	7.20	49	60047	19.057	ug/l	99
29) Tetrahydrofuran	7.21	42	89595	85.758	ug/l	100
30) Chloroform	7.37	83	114437	18.962	ug/l	99
31) Cyclohexane	7.66	56	115473	19.162	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	95304	19.374	ug/l	98
36) 1,1-Dichloropropene	7.80	75	88584	18.666	ug/l	98
37) Ethyl Acetate	6.93	43	63941	17.913	ug/l	97
38) Carbon Tetrachloride	7.78	117	81397	18.926	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	98394	18.177	ug/l	98
40) Benzene	8.04	78	257730	18.968	ug/l	100
41) Methacrylonitrile	7.18	41	37179	17.925	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	89134	18.696	ug/l	100
43) Isopropyl Acetate	8.17	43	117473	18.881	ug/l	96
44) Trichloroethene	8.84	130	63287	18.587	ug/l	99
45) 1,2-Dichloropropane	9.12	63	73452	19.350	ug/l	97
46) Dibromomethane	9.21	93	41351	18.964	ug/l	97
47) Bromodichloromethane	9.40	83	86497	19.147	ug/l	98
48) Methyl methacrylate	9.20	41	57138	17.429	ug/l	100
49) 1,4-Dioxane	9.20	88	9879	374.868	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	302639	88.078	ug/l	99
52) Toluene	10.16	92	157105	19.167	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	82999	18.618	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	97446	18.517	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	54536	18.408	ug/l	99
56) Ethyl methacrylate	10.43	69	72170	18.024	ug/l	98
57) 1,3-Dichloropropane	10.71	76	96736	18.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	206796	93.274	ug/l	100
59) 2-Hexanone	10.75	43	196227	81.352	ug/l	98
60) Dibromochloromethane	10.90	129	57606	19.169	ug/l	98
61) 1,2-Dibromoethane	11.01	107	54060	18.567	ug/l	98
64) Tetrachloroethene	10.63	164	57283	19.493	ug/l	96
65) Chlorobenzene	11.43	112	169373	19.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	58197	19.318	ug/l	98
67) Ethyl Benzene	11.51	91	298372	19.073	ug/l	99
68) m/p-Xylenes	11.62	106	218980	37.588	ug/l	99
69) o-Xylene	11.95	106	106195	19.079	ug/l	99
70) Styrene	11.96	104	171202	19.039	ug/l	99
71) Bromoform	12.13	173	32523	18.096	ug/l #	100
73) Isopropylbenzene	12.25	105	284608	19.562	ug/l	99
74) N-amyl acetate	12.07	43	96205	18.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	66446	18.629	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	53629m	17.031	ug/l	
77) Bromobenzene	12.53	156	64733	19.008	ug/l	99
78) n-propylbenzene	12.59	91	328306	19.267	ug/l	99
79) 2-Chlorotoluene	12.67	91	192218	19.472	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	227152	19.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14586	15.811	ug/l	84
82) 4-Chlorotoluene	12.77	91	192459	19.430	ug/l	99
83) tert-Butylbenzene	12.99	119	201658	19.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	228203	19.561	ug/l	100
85) sec-Butylbenzene	13.17	105	275141	19.862	ug/l	99
86) p-Isopropyltoluene	13.29	119	225894	19.492	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	112824	19.030	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	111757	18.830	ug/l	98
89) n-Butylbenzene	13.61	91	192159	18.621	ug/l	99
90) Hexachloroethane	13.87	117	38016	18.689	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	109015	18.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9045	17.838	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43758	19.126	ug/l	98
94) Hexachlorobutadiene	15.01	225	24600	19.787	ug/l	98
95) Naphthalene	15.13	128	99217	17.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	41869	19.356	ug/l	98

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

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