

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051490.D
 Acq On : 25 Sep 2018 18:19
 Operator : MD\SY
 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:53:37 AM

Quant Time: Sep 26 04:32:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	514104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	722531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	641782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	327117	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.59	113	298604	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.09	98	1077270	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	340526	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	82757	17.254	ug/l	98
3) Chloromethane	2.06	50	144034	18.864	ug/l	98
4) Vinyl Chloride	2.18	62	151999	18.037	ug/l	98
5) Bromomethane	2.57	94	98581	19.557	ug/l	98
6) Chloroethane	2.70	64	99662	18.980	ug/l	99
7) Trichlorofluoromethane	3.01	101	202806	18.373	ug/l	94
8) Diethyl Ether	3.41	74	61819	15.975	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112489	18.057	ug/l	99
10) Methyl Iodide	3.95	142	132681	16.221	ug/l	97
11) Tert butyl alcohol	4.79	59	33964	93.446	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	96515	16.873	ug/l	98
13) Acrolein	3.61	56	26344	72.991	ug/l	93
14) Allyl chloride	4.33	41	168825	17.592	ug/l	100
15) Acrylonitrile	4.99	53	181860	91.980	ug/l	99
16) Acetone	3.82	43	127988	72.333	ug/l	95
17) Carbon Disulfide	4.05	76	268627	15.985	ug/l	99
18) Methyl Acetate	4.33	43	95912	19.555	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	273856	18.566	ug/l	100
20) Methylene Chloride	4.55	84	117179	18.388	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	105066	17.956	ug/l	98
22) Diisopropyl ether	5.95	45	369234	19.904	ug/l	97
23) Vinyl Acetate	5.90	43	1118915	91.874	ug/l	99
24) 1,1-Dichloroethane	5.85	63	216261	19.539	ug/l	99
25) 2-Butanone	6.84	43	199706	90.599	ug/l	99
26) 2,2-Dichloropropane	6.82	77	170052	19.682	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	119879	18.671	ug/l	97
28) Bromochloromethane	7.20	49	100941	19.749	ug/l	100
29) Tetrahydrofuran	7.22	42	132062	94.541	ug/l	99
30) Chloroform	7.37	83	215375	19.638	ug/l	99
31) Cyclohexane	7.66	56	182275	17.974	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	183863	19.610	ug/l	99
36) 1,1-Dichloropropene	7.79	75	156014	18.646	ug/l	99
37) Ethyl Acetate	6.93	43	91599	19.040	ug/l	99
38) Carbon Tetrachloride	7.77	117	166092	18.979	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167118	17.086	ug/l	95
40) Benzene	8.04	78	472374	19.228	ug/l	98
41) Methacrylonitrile	7.17	41	47844	17.976	ug/l	93
42) 1,2-Dichloroethane	8.12	62	153406	19.501	ug/l	100
43) Isopropyl Acetate	8.17	43	164281	18.885	ug/l	100
44) Trichloroethene	8.84	130	121270	18.584	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130522	19.544	ug/l	99
46) Dibromomethane	9.21	93	71688	18.999	ug/l	99
47) Bromodichloromethane	9.40	83	161767	19.373	ug/l	98
48) Methyl methacrylate	9.20	41	81367	18.761	ug/l	98
49) 1,4-Dioxane	9.20	88	19728	371.152	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	456586	95.436	ug/l	100
52) Toluene	10.16	92	284589	18.640	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	151042	17.917	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	181223	18.537	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	106734	19.781	ug/l	95
56) Ethyl methacrylate	10.43	69	119989	18.188	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178703	19.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	300370	97.646	ug/l	97
59) 2-Hexanone	10.75	43	281883	90.888	ug/l	96
60) Dibromochloromethane	10.90	129	117080	18.390	ug/l	97
61) 1,2-Dibromoethane	11.00	107	97045	18.527	ug/l	99
64) Tetrachloroethene	10.63	164	113324	19.456	ug/l	98
65) Chlorobenzene	11.43	112	307800	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	120761	19.250	ug/l	100
67) Ethyl Benzene	11.51	91	504686	18.187	ug/l	99
68) m/p-Xylenes	11.62	106	395202	36.819	ug/l	99
69) o-Xylene	11.95	106	189439	18.359	ug/l	99
70) Styrene	11.96	104	298253	18.240	ug/l	99
71) Bromoform	12.13	173	79421	18.657	ug/l #	95
73) Isopropylbenzene	12.25	105	511030	18.868	ug/l	100
74) N-amyl acetate	12.07	43	122555	18.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125143	19.814	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	109767m	20.598	ug/l	
77) Bromobenzene	12.53	156	129501	18.887	ug/l	99
78) n-propylbenzene	12.59	91	575360	18.849	ug/l	99
79) 2-Chlorotoluene	12.67	91	351396	19.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	431372	19.532	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	30659	17.691	ug/l	97
82) 4-Chlorotoluene	12.77	91	347388	19.048	ug/l	99
83) tert-Butylbenzene	12.99	119	372701	18.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	434980	19.546	ug/l	100
85) sec-Butylbenzene	13.17	105	509347	19.153	ug/l	98
86) p-Isopropyltoluene	13.29	119	435038	18.906	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217695	18.347	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	211837	18.555	ug/l	99
89) n-Butylbenzene	13.62	91	336988	17.809	ug/l	99
90) Hexachloroethane	13.87	117	86340	18.832	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	220340	19.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17783	19.729	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85012	18.040	ug/l	99
94) Hexachlorobutadiene	15.01	225	84196	19.330	ug/l	100
95) Naphthalene	15.13	128	142171	18.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90064	16.302	ug/l	99

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

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