

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050873.D
 Acq On : 24 Aug 2018 13:39
 Operator : MD\SY
 Sample : VN0824WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:56 PM

Quant Time: Aug 24 23:18:10 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	521713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	785389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	337830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	358708	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
35) Dibromofluoromethane	7.59	113	335292	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.09	98	1209813	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	388223	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	142599	20.424	ug/l	99
3) Chloromethane	2.06	50	172917	20.080	ug/l	99
4) Vinyl Chloride	2.18	62	159761	19.584	ug/l	99
5) Bromomethane	2.56	94	100280	21.010	ug/l	96
6) Chloroethane	2.70	64	96380	20.448	ug/l	100
7) Trichlorofluoromethane	3.01	101	210083	20.112	ug/l	98
8) Diethyl Ether	3.41	74	80163	22.569	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	125992	19.306	ug/l	99
10) Methyl Iodide	3.95	142	107233	22.689	ug/l	100
11) Tert butyl alcohol	4.79	59	46616	116.556	ug/l	98
12) 1,1-Dichloroethene	3.74	96	116423	19.869	ug/l	98
13) Acrolein	3.61	56	19771	96.503	ug/l	97
14) Allyl chloride	4.32	41	188295	20.622	ug/l	99
15) Acrylonitrile	4.99	53	224751	110.576	ug/l	99
16) Acetone	3.82	43	155750	100.496	ug/l	100
17) Carbon Disulfide	4.05	76	351654	17.902	ug/l	100
18) Methyl Acetate	4.33	43	134661	22.706	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	337244	22.881	ug/l	98
20) Methylene Chloride	4.55	84	149002	21.049	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	128159	20.222	ug/l	99
22) Diisopropyl ether	5.95	45	424645	23.337	ug/l	96
23) Vinyl Acetate	5.90	43	1288089	109.920	ug/l	99
24) 1,1-Dichloroethane	5.85	63	246798	21.126	ug/l	99
25) 2-Butanone	6.84	43	240036	94.835	ug/l	100
26) 2,2-Dichloropropane	6.82	77	179948	19.170	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	148965	21.802	ug/l	99
28) Bromochloromethane	7.20	49	104783	21.109	ug/l	99
29) Tetrahydrofuran	7.21	42	159309	109.779	ug/l	99
30) Chloroform	7.37	83	249631	21.579	ug/l	99
31) Cyclohexane	7.65	56	198274	18.964	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	201158	20.245	ug/l	99
36) 1,1-Dichloropropene	7.79	75	175023	18.885	ug/l	99
37) Ethyl Acetate	6.93	43	108158	20.316	ug/l	99
38) Carbon Tetrachloride	7.78	117	176388	18.828	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	178769	17.829	ug/l	99
40) Benzene	8.04	78	572060	20.469	ug/l	100
41) Methacrylonitrile	7.17	41	50608	17.565	ug/l #	83
42) 1,2-Dichloroethane	8.12	62	177329	21.223	ug/l	99
43) Isopropyl Acetate	8.17	43	193447	21.133	ug/l	99
44) Trichloroethene	8.84	130	144046	19.543	ug/l	98
45) 1,2-Dichloropropane	9.12	63	153837	20.944	ug/l	99
46) Dibromomethane	9.21	93	90691	21.014	ug/l	99
47) Bromodichloromethane	9.40	83	188789	20.885	ug/l	99
48) Methyl methacrylate	9.20	41	97190	20.834	ug/l	99
49) 1,4-Dioxane	9.20	88	28552	448.966	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	544519	99.684	ug/l	99
52) Toluene	10.16	92	344097	20.784	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	180526	20.064	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	217346	21.095	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	129339	21.049	ug/l	97
56) Ethyl methacrylate	10.43	69	146159	19.775	ug/l	100
57) 1,3-Dichloropropane	10.71	76	214278	21.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	305694	95.579	ug/l	100
59) 2-Hexanone	10.75	43	344777	94.811	ug/l	99
60) Dibromochloromethane	10.90	129	142882	20.768	ug/l	99
61) 1,2-Dibromoethane	11.01	107	122806	20.668	ug/l	98
64) Tetrachloroethene	10.63	164	129123	18.965	ug/l	99
65) Chlorobenzene	11.43	112	371445	19.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	144356	21.058	ug/l	100
67) Ethyl Benzene	11.51	91	591561	19.421	ug/l	100
68) m/p-Xylenes	11.62	106	468847	40.552	ug/l	100
69) o-Xylene	11.95	106	227903	20.504	ug/l	100
70) Styrene	11.96	104	356613	19.013	ug/l	99
71) Bromoform	12.13	173	95556	20.269	ug/l #	99
73) Isopropylbenzene	12.25	105	579062	20.700	ug/l	100
74) N-amyl acetate	12.07	43	145819	20.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	158903	22.941	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	123813m	20.925	ug/l	
77) Bromobenzene	12.53	156	157524	20.720	ug/l	99
78) n-propylbenzene	12.59	91	644493	20.624	ug/l	100
79) 2-Chlorotoluene	12.67	91	402004	20.653	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	483679	21.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35990	20.562	ug/l	95
82) 4-Chlorotoluene	12.77	91	401889	20.914	ug/l	99
83) tert-Butylbenzene	12.99	119	402653	20.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	483808	21.309	ug/l	99
85) sec-Butylbenzene	13.17	105	526209	20.543	ug/l	99
86) p-Isopropyltoluene	13.29	119	457604	20.966	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	259432	20.109	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	253647	19.976	ug/l	100
89) n-Butylbenzene	13.62	91	326487	18.703	ug/l	99
90) Hexachloroethane	13.87	117	83518	20.188	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	259222	20.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21050	20.953	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	97150	17.861	ug/l	99
94) Hexachlorobutadiene	15.01	225	76876	20.167	ug/l	99
95) Naphthalene	15.13	128	187996	17.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	102728	19.105	ug/l	99

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

