

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049890.D
 Acq On : 18 Jul 2018 23:41
 Operator : MD\SY
 Sample : VN0718WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD02

Manual Integrations
 APPROVED

apatel
 7/19/2018 4:30:33 PM

Quant Time: Jul 19 06:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	420385	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	370427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1347168	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	441364	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109466	19.56	ug/l	97
3) Chloromethane	2.06	50	149268	18.61	ug/l	98
4) Vinyl Chloride	2.18	62	165828	19.39	ug/l	99
5) Bromomethane	2.56	94	103728	20.57	ug/l	98
6) Chloroethane	2.70	64	105878	18.95	ug/l	100
7) Trichlorofluoromethane	3.01	101	224614	19.10	ug/l	98
8) Diethyl Ether	3.41	74	81916	19.97	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	135607	18.70	ug/l	99
10) Methyl Iodide	3.95	142	180686	18.58	ug/l	98
11) Tert butyl alcohol	4.81	59	58550	101.78	ug/l	99
12) 1,1-Dichloroethene	3.73	96	121698	19.11	ug/l	99
13) Acrolein	3.61	56	33143	89.41	ug/l	91
14) Allyl chloride	4.32	41	193963	19.32	ug/l	99
15) Acrylonitrile	4.99	53	263262	104.06	ug/l	99
16) Acetone	3.82	43	193634	92.62	ug/l	100
17) Carbon Disulfide	4.05	76	348963	18.31	ug/l	97
18) Methyl Acetate	4.33	43	150804	22.50	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	362082	20.66	ug/l	99
20) Methylene Chloride	4.55	84	149313	18.78	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	132215	19.55	ug/l	99
22) Diisopropyl ether	5.96	45	435833	21.27	ug/l	99
23) Vinyl Acetate	5.90	43	1486533	103.40	ug/l	99
24) 1,1-Dichloroethane	5.85	63	264557	20.11	ug/l	99
25) 2-Butanone	6.84	43	302957	101.39	ug/l	100
26) 2,2-Dichloropropane	6.82	77	174155	17.02	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	151342	20.39	ug/l	97
28) Bromochloromethane	7.19	49	116927	19.68	ug/l	98
29) Tetrahydrofuran	7.22	42	204254	108.52	ug/l	100
30) Chloroform	7.37	83	269829	19.98	ug/l	98
31) Cyclohexane	7.65	56	210696	19.68	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	228371	19.57	ug/l	99
36) 1,1-Dichloropropene	7.79	75	191679	19.22	ug/l	99
37) Ethyl Acetate	6.94	43	136701	19.96	ug/l	99
38) Carbon Tetrachloride	7.77	117	201123	18.83	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	185850	18.04	ug/l	97
40) Benzene	8.04	78	590093	19.42	ug/l	99
41) Methacrylonitrile	7.21	41	197973	57.67	ug/l #	20
42) 1,2-Dichloroethane	8.13	62	198332	19.70	ug/l	99
43) Isopropyl Acetate	8.17	43	265330	22.18	ug/l	98
44) Trichloroethene	8.84	130	152272	19.11	ug/l	98
45) 1,2-Dichloropropane	9.12	63	156101	19.04	ug/l	100
46) Dibromomethane	9.21	93	98162	19.31	ug/l	98
47) Bromodichloromethane	9.40	83	207219	19.71	ug/l	99
48) Methyl methacrylate	9.20	41	117751	19.62	ug/l	98
49) 1,4-Dioxane	9.20	88	33605	394.76	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	697795	104.35	ug/l	99
52) Toluene	10.16	92	362598	20.00	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196630	18.91	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	221213	19.25	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143202	19.12	ug/l	99
56) Ethyl methacrylate	10.43	69	174576	18.77	ug/l	98
57) 1,3-Dichloropropane	10.71	76	232886	19.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	416088	104.29	ug/l	100
59) 2-Hexanone	10.75	43	461229	102.68	ug/l	98
60) Dibromochloromethane	10.90	129	156374	19.04	ug/l	99
61) 1,2-Dibromoethane	11.01	107	136968	19.57	ug/l	98
64) Tetrachloroethene	10.63	164	140379	19.59	ug/l	99
65) Chlorobenzene	11.44	112	390094	19.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151217	19.49	ug/l	99
67) Ethyl Benzene	11.51	91	639285	19.67	ug/l	100
68) m/p-Xylenes	11.62	106	503275	40.91	ug/l	98
69) o-Xylene	11.95	106	239109	20.24	ug/l	98
70) Styrene	11.97	104	391444	20.45	ug/l	99
71) Bromoform	12.13	173	112104	20.20	ug/l #	98
73) Isopropylbenzene	12.25	105	636284	20.42	ug/l	100
74) N-amyl acetate	12.07	43	194230	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	188970	20.24	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	156103m	20.28	ug/l	
77) Bromobenzene	12.53	156	169952	19.75	ug/l	97
78) n-propylbenzene	12.59	91	726374	20.50	ug/l	99
79) 2-Chlorotoluene	12.68	91	448462	20.61	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	521441	20.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	46259	18.80	ug/l	95
82) 4-Chlorotoluene	12.77	91	453898	20.80	ug/l	99
83) tert-Butylbenzene	12.99	119	450492	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	536399	21.20	ug/l	100
85) sec-Butylbenzene	13.17	105	599864	20.69	ug/l	100
86) p-Isopropyltoluene	13.29	119	510494	20.66	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294592	19.65	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	290277	19.31	ug/l	100
89) n-Butylbenzene	13.62	91	395928	19.40	ug/l	99
90) Hexachloroethane	13.88	117	102599	18.50	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	295843	20.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29253	20.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136694	19.12	ug/l	100
94) Hexachlorobutadiene	15.01	225	89878	18.60	ug/l	99
95) Naphthalene	15.14	128	300913	18.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	140822	19.91	ug/l	99

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

