

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052145.D
 Acq On : 5 Nov 2018 13:36
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 9:59:49 AM

Quant Time: Nov 05 22:21:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	620903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	244276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	85667	20.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.70%	
35) Dibromofluoromethane	7.59	113	72298	18.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.50%	
50) Toluene-d8	10.09	98	278445	18.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.36%	
62) 4-Bromofluorobenzene	12.40	95	93400	19.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64171	20.724	ug/l	97
3) Chloromethane	2.06	50	84855	20.303	ug/l	98
4) Vinyl Chloride	2.19	62	81604	20.386	ug/l	99
5) Bromomethane	2.57	94	58409	19.518	ug/l	94
6) Chloroethane	2.71	64	52425	20.483	ug/l	98
7) Trichlorofluoromethane	3.02	101	116532	20.041	ug/l	93
8) Diethyl Ether	3.42	74	41053	20.209	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.77	101	69004	19.859	ug/l	98
10) Methyl Iodide	3.96	142	92117	18.777	ug/l	99
11) Tert butyl alcohol	4.78	59	22737	124.094	ug/l	97
12) 1,1-Dichloroethene	3.74	96	66133	20.216	ug/l	94
13) Acrolein	3.61	56	18627	113.079	ug/l	99
14) Allyl chloride	4.33	41	105179	19.264	ug/l	95
15) Acrylonitrile	4.99	53	127905	106.114	ug/l	98
16) Acetone	3.82	43	103248	108.226	ug/l	94
17) Carbon Disulfide	4.06	76	177998	19.068	ug/l	99
18) Methyl Acetate	4.33	43	62034	21.011	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	193367	21.458	ug/l	99
20) Methylene Chloride	4.56	84	77945	19.663	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	71960	21.152	ug/l	95
22) Diisopropyl ether	5.95	45	246211	20.455	ug/l	99
23) Vinyl Acetate	5.90	43	845419	106.786	ug/l	99
24) 1,1-Dichloroethane	5.86	63	138754	20.378	ug/l	99
25) 2-Butanone	6.83	43	164170	110.977	ug/l	99
26) 2,2-Dichloropropane	6.83	77	106005	19.905	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	83932	20.337	ug/l	99
28) Bromochloromethane	7.20	49	65229	20.235	ug/l	100
29) Tetrahydrofuran	7.21	42	101053	110.406	ug/l	97
30) Chloroform	7.37	83	142047	20.948	ug/l	100
31) Cyclohexane	7.65	56	133944	17.423	ug/l #	96
32) 1,1,1-Trichloroethane	7.57	97	120505	20.035	ug/l	99
36) 1,1-Dichloropropene	7.80	75	99641	18.141	ug/l	97
37) Ethyl Acetate	6.93	43	73365	21.212	ug/l	97
38) Carbon Tetrachloride	7.78	117	102978	18.766	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124349	19.115	ug/l	98
40) Benzene	8.04	78	316667	19.612	ug/l	100
41) Methacrylonitrile	7.18	41	34492m	19.402	ug/l	
42) 1,2-Dichloroethane	8.13	62	104166	20.068	ug/l	98
43) Isopropyl Acetate	8.17	43	129597	20.679	ug/l	100
44) Trichloroethene	8.84	130	82705	19.346	ug/l	100
45) 1,2-Dichloropropane	9.12	63	84066	19.659	ug/l	97
46) Dibromomethane	9.21	93	52358	19.253	ug/l	98
47) Bromodichloromethane	9.40	83	103859	19.582	ug/l	98
48) Methyl methacrylate	9.20	41	62356	20.673	ug/l	99
49) 1,4-Dioxane	9.20	88	13050	536.038	ug/l #	90
51) 4-Methyl-2-Pentanone	9.99	43	360496	108.879	ug/l	100
52) Toluene	10.16	92	191189	19.635	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	101040	19.419	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	119546	19.635	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	72484	21.114	ug/l	97
56) Ethyl methacrylate	10.43	69	92659	20.707	ug/l	97
57) 1,3-Dichloropropane	10.71	76	125031	20.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	262798	109.128	ug/l	99
59) 2-Hexanone	10.75	43	256730	111.387	ug/l	100
60) Dibromochloromethane	10.90	129	75092	19.235	ug/l	99
61) 1,2-Dibromoethane	11.00	107	72815	20.895	ug/l	97
64) Tetrachloroethene	10.63	164	70970	19.961	ug/l	97
65) Chlorobenzene	11.43	112	218487	19.532	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	74819	19.917	ug/l	97
67) Ethyl Benzene	11.51	91	369831	19.906	ug/l	97
68) m/p-Xylenes	11.62	106	288242	40.207	ug/l	100
69) o-Xylene	11.95	106	137800	19.821	ug/l	99
70) Styrene	11.96	104	218450	19.848	ug/l	99
71) Bromoform	12.12	173	41808	19.218	ug/l #	99
73) Isopropylbenzene	12.25	105	358523	19.411	ug/l	98
74) N-amyl acetate	12.07	43	112420	19.226	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	85933	21.256	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	82504m	25.301	ug/l	
77) Bromobenzene	12.53	156	86081	19.545	ug/l	95
78) n-propylbenzene	12.59	91	413650	19.597	ug/l	99
79) 2-Chlorotoluene	12.67	91	241390	19.502	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	291478	19.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20717	19.296	ug/l	90
82) 4-Chlorotoluene	12.77	91	241421	19.405	ug/l	100
83) tert-Butylbenzene	12.99	119	259661	19.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	299394	20.118	ug/l	99
85) sec-Butylbenzene	13.17	105	348084	19.500	ug/l	99
86) p-Isopropyltoluene	13.29	119	300150	19.978	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	150915	19.390	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	152471	19.599	ug/l	97
89) n-Butylbenzene	13.61	91	248952	19.136	ug/l	97
90) Hexachloroethane	13.88	117	45706	18.051	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	148212	20.291	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12075	22.626	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63146	18.600	ug/l	96
94) Hexachlorobutadiene	15.01	225	33689	17.070	ug/l	97
95) Naphthalene	15.13	128	152057	20.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56547	18.797	ug/l	99

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

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