

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049842.D
 Acq On : 17 Jul 2018 12:21
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 11:59:11 AM

Quant Time: Jul 17 12:55:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 12:26:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	656704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	949552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	896527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	498896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	896630	96.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.08%	
35) Dibromofluoromethane	7.59	113	786873	99.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.06%	
50) Toluene-d8	10.09	98	2996038	102.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.22%	
62) 4-Bromofluorobenzene	12.40	95	1065855	105.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	484990	65.68	ug/l	97
3) Chloromethane	2.06	50	658096	68.24	ug/l	100
4) Vinyl Chloride	2.18	62	720028	71.00	ug/l	98
5) Bromomethane	2.54	94	441723	60.17	ug/l	98
6) Chloroethane	2.69	64	452261	72.22	ug/l	100
7) Trichlorofluoromethane	3.00	101	937968	71.20	ug/l	98
8) Diethyl Ether	3.41	74	354010	72.71	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	564858	69.30	ug/l	100
10) Methyl Iodide	3.95	142	826546	88.55	ug/l	99
11) Tert butyl alcohol	4.81	59	315458	341.76	ug/l	99
12) 1,1-Dichloroethene	3.73	96	528749	71.07	ug/l	99
13) Acrolein	3.61	56	283385	418.24	ug/l	99
14) Allyl chloride	4.32	41	895604	72.70	ug/l	100
15) Acrylonitrile	5.00	53	1279124	369.74	ug/l	99
16) Acetone	3.82	43	936904	329.61	ug/l	100
17) Carbon Disulfide	4.05	76	1578960	61.79	ug/l	100
18) Methyl Acetate	4.33	43	627557	60.90	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1675914	76.99	ug/l	99
20) Methylene Chloride	4.55	84	625315	68.64	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	579768	70.37	ug/l	99
22) Diisopropyl ether	5.96	45	1900149	80.25	ug/l	96
23) Vinyl Acetate	5.90	43	7235819	396.81	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1091069	73.82	ug/l	100
25) 2-Butanone	6.84	43	1571668	362.80	ug/l	99
26) 2,2-Dichloropropane	6.83	77	836091	70.17	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	665737	74.66	ug/l	98
28) Bromochloromethane	7.20	49	648547	97.13	ug/l	99
29) Tetrahydrofuran	7.22	42	1029258	367.39	ug/l	99
30) Chloroform	7.37	83	1126115	74.01	ug/l	100
31) Cyclohexane	7.65	56	946256	64.58	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	972987	75.24	ug/l	99
36) 1,1-Dichloropropene	7.79	75	850702	77.52	ug/l	100
37) Ethyl Acetate	6.94	43	664966	76.70	ug/l	99
38) Carbon Tetrachloride	7.78	117	858142	76.05	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	923023	79.72	ug/l	100
40) Benzene	8.04	78	2557606	77.08	ug/l	100
41) Methacrylonitrile	7.18	41	363480	87.89	ug/l	99
42) 1,2-Dichloroethane	8.13	62	843094	77.21	ug/l	99
43) Isopropyl Acetate	8.17	43	1163227	55.90	ug/l	96
44) Trichloroethene	8.84	130	659600	75.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	674804	78.81	ug/l	100
46) Dibromomethane	9.21	93	429018	75.46	ug/l	99
47) Bromodichloromethane	9.41	83	877099	77.55	ug/l	98
48) Methyl methacrylate	9.20	41	597430	81.10	ug/l	98
49) 1,4-Dioxane	9.20	88	184057	1531.98	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	3529241	397.05	ug/l	99
52) Toluene	10.16	92	1620797	81.24	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	957487	81.88	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1033681	80.91	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	622593	77.32	ug/l	99
56) Ethyl methacrylate	10.43	69	911772	85.82	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1044415	79.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2054991	414.63	ug/l	100
59) 2-Hexanone	10.76	43	2526461	400.88	ug/l	100
60) Dibromochloromethane	10.90	129	730096	81.21	ug/l	100
61) 1,2-Dibromoethane	11.01	107	637847	79.52	ug/l	99
64) Tetrachloroethene	10.63	164	609235	73.65	ug/l	98
65) Chlorobenzene	11.44	112	1771079	76.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	674390	78.26	ug/l	100
67) Ethyl Benzene	11.51	91	3115341	82.12	ug/l	99
68) m/p-Xylenes	11.63	106	2380614	164.62	ug/l	99
69) o-Xylene	11.95	106	1155645	84.05	ug/l	98
70) Styrene	11.97	104	1941109	86.24	ug/l	100
71) Bromoform	12.13	173	558099	81.45	ug/l #	99
73) Isopropylbenzene	12.25	105	3064959	77.25	ug/l	100
74) N-amyl acetate	12.07	43	1079052	77.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	896568	69.58	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	793690m	73.72	ug/l	
77) Bromobenzene	12.53	156	813915	75.40	ug/l	97
78) n-propylbenzene	12.59	91	3545956	78.81	ug/l	99
79) 2-Chlorotoluene	12.68	91	2109663	75.61	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2506780	79.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	271661	79.63	ug/l	99
82) 4-Chlorotoluene	12.78	91	2145224	75.74	ug/l	100
83) tert-Butylbenzene	13.00	119	2173120	78.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2571856	80.21	ug/l	100
85) sec-Butylbenzene	13.17	105	2925130	79.08	ug/l	100
86) p-Isopropyltoluene	13.29	119	2573141	81.59	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	1445720	75.48	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1408751	72.43	ug/l	99
89) n-Butylbenzene	13.62	91	2167038	81.52	ug/l	100
90) Hexachloroethane	13.88	117	491567	73.39	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1412554	74.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	148103	65.26	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	771160	80.38	ug/l	100
94) Hexachlorobutadiene	15.01	225	423989	72.03	ug/l	99
95) Naphthalene	15.14	128	1983246	83.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	769499	76.23	ug/l	99

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

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