

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052471.D
 Acq On : 27 Nov 2018 10:58
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:36 AM

Quant Time: Nov 28 01:00:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 00:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1049697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1630902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1475774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	706207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1161418	101.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.24%	
35) Dibromofluoromethane	7.59	113	1028761	102.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.64%	
50) Toluene-d8	10.09	98	4060383	103.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.50%	
62) 4-Bromofluorobenzene	12.40	95	1412094	107.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	958424	97.513	ug/l	99
3) Chloromethane	2.06	50	1291275	99.529	ug/l	100
4) Vinyl Chloride	2.19	62	1321717	99.173	ug/l	100
5) Bromomethane	2.56	94	786329	94.561	ug/l	99
6) Chloroethane	2.71	64	783492	97.053	ug/l	99
7) Trichlorofluoromethane	3.02	101	1616761	98.759	ug/l	100
8) Diethyl Ether	3.41	74	625500	103.465	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1011680	99.037	ug/l	99
10) Methyl Iodide	3.96	142	1483677	109.050	ug/l	100
11) Tert butyl alcohol	4.78	59	279715	488.857	ug/l	99
12) 1,1-Dichloroethene	3.74	96	976121	99.271	ug/l	98
13) Acrolein	3.61	56	511356	568.095	ug/l	98
14) Allyl chloride	4.33	41	1682323	99.269	ug/l	95
15) Acrylonitrile	4.99	53	1896965	523.736	ug/l	99
16) Acetone	3.82	43	1425415	472.839	ug/l	100
17) Carbon Disulfide	4.06	76	3086282	99.738	ug/l	100
18) Methyl Acetate	4.32	43	888973	102.804	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2711598	103.647	ug/l	99
20) Methylene Chloride	4.55	84	1120500	94.984	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	1057680	100.715	ug/l	98
22) Diisopropyl ether	5.95	45	3636264	102.149	ug/l	99
23) Vinyl Acetate	5.90	43	11962172	539.512	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2049696	100.845	ug/l	100
25) 2-Butanone	6.83	43	2186383	511.690	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1451213	103.155	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1221262	99.832	ug/l	99
28) Bromochloromethane	7.19	49	953059	102.662	ug/l	100
29) Tetrahydrofuran	7.21	42	1418818	514.815	ug/l	99
30) Chloroform	7.37	83	1961974	96.752	ug/l	98
31) Cyclohexane	7.65	56	1939566	85.295	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1635637	101.804	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1570382	101.966	ug/l	99
37) Ethyl Acetate	6.93	43	962402	102.393	ug/l	99
38) Carbon Tetrachloride	7.78	117	1433661	102.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1931839	103.200	ug/l	99
40) Benzene	8.04	78	4671181	101.773	ug/l	100
41) Methacrylonitrile	7.17	41	562409	109.448	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1408987	101.385	ug/l	99
43) Isopropyl Acetate	8.16	43	1713393	107.719	ug/l	99
44) Trichloroethene	8.84	130	1194472	101.599	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1249330	102.383	ug/l	100
46) Dibromomethane	9.21	93	700673	103.724	ug/l	99
47) Bromodichloromethane	9.40	83	1518196	103.371	ug/l	100
48) Methyl methacrylate	9.20	41	882335	106.383	ug/l	100
49) 1,4-Dioxane	9.20	88	160827	1868.409	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	4756719	532.996	ug/l	100
52) Toluene	10.16	92	2853209	104.628	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1583266	112.056	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1842438	108.814	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	992924	103.512	ug/l	100
56) Ethyl methacrylate	10.43	69	1341113	113.603	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1741518	102.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3831801	550.510	ug/l	100
59) 2-Hexanone	10.75	43	3247029	542.102	ug/l	100
60) Dibromochloromethane	10.90	129	1111068	106.646	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1002519	105.227	ug/l	100
64) Tetrachloroethene	10.63	164	1110399	97.045	ug/l	99
65) Chlorobenzene	11.44	112	3098753	101.831	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1084874	102.533	ug/l	100
67) Ethyl Benzene	11.51	91	5534954	103.867	ug/l	100
68) m/p-Xylenes	11.62	106	4171769	210.290	ug/l	100
69) o-Xylene	11.95	106	2019067	104.807	ug/l	100
70) Styrene	11.97	104	3330212	108.533	ug/l	100
71) Bromoform	12.13	173	759321	108.385	ug/l #	100
73) Isopropylbenzene	12.25	105	5372746	96.970	ug/l	100
74) N-amyl acetate	12.07	43	1517331	108.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1215442	96.435	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	978204m	93.385	ug/l	
77) Bromobenzene	12.53	156	1325476	96.786	ug/l	99
78) n-propylbenzene	12.59	91	6303518	100.145	ug/l	100
79) 2-Chlorotoluene	12.68	91	3624913	96.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4380555	99.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	360179	110.451	ug/l	97
82) 4-Chlorotoluene	12.78	91	3704861	98.071	ug/l	99
83) tert-Butylbenzene	12.99	119	3810146	96.718	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4472156	100.987	ug/l	100
85) sec-Butylbenzene	13.17	105	5312770	99.015	ug/l	100
86) p-Isopropyltoluene	13.29	119	4623783	101.175	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2400188	100.194	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2355741	99.834	ug/l	100
89) n-Butylbenzene	13.62	91	4081419	107.386	ug/l	100
90) Hexachloroethane	13.88	117	778513	100.607	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	2274014	99.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	188797	104.735	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1274113	117.731	ug/l	99
94) Hexachlorobutadiene	15.01	225	710476	96.495	ug/l	99
95) Naphthalene	15.14	128	2686027	120.226	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1162659	115.030	ug/l	99

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

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