

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053926.D
 Acq On : 25 Feb 2019 13:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 10:48:11 AM

Quant Time: Feb 28 04:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 02:58:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1067192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	962097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	764696	95.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.42%	
35) Dibromofluoromethane	7.59	113	685552	99.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.68%	
50) Toluene-d8	10.09	98	2602986	101.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.64%	
62) 4-Bromofluorobenzene	12.40	95	893490	104.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	602483	96.050	ug/l	99
3) Chloromethane	2.06	50	843662	96.966	ug/l	100
4) Vinyl Chloride	2.19	62	838622	96.199	ug/l	99
5) Bromomethane	2.56	94	513324	88.911	ug/l	99
6) Chloroethane	2.70	64	502608	92.704	ug/l	99
7) Trichlorofluoromethane	3.02	101	1037966	93.201	ug/l	100
8) Diethyl Ether	3.41	74	414041	99.231	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	657310	93.450	ug/l	95
10) Methyl Iodide	3.95	142	1014505	109.767	ug/l	99
11) Tert butyl alcohol	4.78	59	247281	488.233	ug/l	99
12) 1,1-Dichloroethene	3.74	96	650400	96.670	ug/l	94
13) Acrolein	3.60	56	308996	589.259	ug/l	98
14) Allyl chloride	4.32	41	1193816	101.167	ug/l	97
15) Acrylonitrile	4.98	53	1345894	504.192	ug/l	99
16) Acetone	3.81	43	1056271	450.847	ug/l	96
17) Carbon Disulfide	4.05	76	2063125	95.053	ug/l	100
18) Methyl Acetate	4.32	43	531204	95.087	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	1837077	101.785	ug/l	98
20) Methylene Chloride	4.55	84	739461	93.516	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	703483	96.606	ug/l	94
22) Diisopropyl ether	5.95	45	2362220	103.763	ug/l	97
23) Vinyl Acetate	5.89	43	8730933	533.119	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1339136	95.922	ug/l	99
25) 2-Butanone	6.83	43	1574563	501.926	ug/l	98
26) 2,2-Dichloropropane	6.82	77	979318	98.736	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	799919	98.774	ug/l	95
28) Bromochloromethane	7.19	49	618609	96.806	ug/l	84
29) Tetrahydrofuran	7.21	42	1045889	500.650	ug/l	92
30) Chloroform	7.37	83	1307004	96.550	ug/l	98
31) Cyclohexane	7.65	56	1269982	85.429	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1094799	98.085	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1033299	104.116	ug/l	97
37) Ethyl Acetate	6.93	43	696132	98.235	ug/l	97
38) Carbon Tetrachloride	7.77	117	969121	93.891	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1235478	103.284	ug/l	96
40) Benzene	8.04	78	3068911	100.658	ug/l	100
41) Methacrylonitrile	7.17	41	382259	83.772	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	947891	100.422	ug/l	97
43) Isopropyl Acetate	8.16	43	1228339	102.661	ug/l	96
44) Trichloroethene	8.83	130	807090	99.852	ug/l	96
45) 1,2-Dichloropropane	9.12	63	821402	99.859	ug/l	98
46) Dibromomethane	9.21	93	472579	98.960	ug/l	94
47) Bromodichloromethane	9.40	83	1017254	101.080	ug/l	99
48) Methyl methacrylate	9.20	41	606285	110.163	ug/l	94
49) 1,4-Dioxane	9.20	88	152705	2048.593	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	3335375	542.479	ug/l	96
52) Toluene	10.16	92	1850848	103.096	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1082371	110.535	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1231751	106.703	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	672375	100.286	ug/l	99
56) Ethyl methacrylate	10.43	69	895760	114.192	ug/l	92
57) 1,3-Dichloropropane	10.71	76	1160095	102.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	2053982	592.988	ug/l	96
59) 2-Hexanone	10.75	43	2195831	549.121	ug/l	95
60) Dibromochloromethane	10.90	129	769958	103.333	ug/l	100
61) 1,2-Dibromoethane	11.00	107	663605	102.604	ug/l	100
64) Tetrachloroethene	10.63	164	761918	93.523	ug/l	98
65) Chlorobenzene	11.43	112	2006930	98.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	733796	100.274	ug/l	100
67) Ethyl Benzene	11.51	91	3505960	102.997	ug/l	99
68) m/p-Xylenes	11.62	106	2667083	207.599	ug/l	97
69) o-Xylene	11.95	106	1286628	101.924	ug/l	98
70) Styrene	11.96	104	2118674	109.119	ug/l	99
71) Bromoform	12.13	173	537361	105.552	ug/l #	100
73) Isopropylbenzene	12.25	105	3367016	93.815	ug/l	99
74) N-amyl acetate	12.07	43	997140	106.005	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	829958	92.476	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	688726m	93.120	ug/l	
77) Bromobenzene	12.53	156	866272	95.068	ug/l	91
78) n-propylbenzene	12.59	91	3973921	97.362	ug/l	98
79) 2-Chlorotoluene	12.68	91	2324522	94.804	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	2842500	96.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	244785	104.606	ug/l	96
82) 4-Chlorotoluene	12.77	91	2367361	97.691	ug/l	97
83) tert-Butylbenzene	12.99	119	2494063	95.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2914740	99.367	ug/l	99
85) sec-Butylbenzene	13.17	105	3389679	95.503	ug/l	99
86) p-Isopropyltoluene	13.29	119	2958672	98.606	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1542939	97.883	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1515092	99.071	ug/l	99
89) n-Butylbenzene	13.62	91	2649748	104.787	ug/l	99
90) Hexachloroethane	13.88	117	548245	94.291	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	1482651	97.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	123411	97.305	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	862057	119.014	ug/l	98
94) Hexachlorobutadiene	15.01	225	502581	91.181	ug/l	99
95) Naphthalene	15.13	128	1856892	123.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	818046	112.477	ug/l	99

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

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