

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052472.D
 Acq On : 27 Nov 2018 11:25
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:42 AM

Quant Time: Nov 28 01:02:53 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	1064245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1680042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1522805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	731888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1785106	154.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.10%	
35) Dibromofluoromethane	7.59	113	1580034	152.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.10%	
50) Toluene-d8	10.09	98	6188599	153.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.00%	
62) 4-Bromofluorobenzene	12.40	95	2161278	159.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1476270	148.147	ug/l	98
3) Chloromethane	2.06	50	1968220	149.632	ug/l	100
4) Vinyl Chloride	2.19	62	2019503	149.459	ug/l	100
5) Bromomethane	2.56	94	1207086	143.175	ug/l	97
6) Chloroethane	2.70	64	1196236	146.156	ug/l	100
7) Trichlorofluoromethane	3.02	101	2488459	149.928	ug/l	100
8) Diethyl Ether	3.41	74	971483	158.498	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1555830	150.224	ug/l	100
10) Methyl Iodide	3.96	142	2346400	170.103	ug/l	100
11) Tert butyl alcohol	4.78	59	507734	875.234	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1529580	153.431	ug/l	98
13) Acrolein	3.61	56	862498	945.101	ug/l	100
14) Allyl chloride	4.33	41	2782950	161.970	ug/l	99
15) Acrylonitrile	4.99	53	3063448	834.231	ug/l	99
16) Acetone	3.82	43	2278244	745.409	ug/l	100
17) Carbon Disulfide	4.06	76	4786067	152.555	ug/l	100
18) Methyl Acetate	4.32	43	1463308	166.910	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	4342839	163.730	ug/l	99
20) Methylene Chloride	4.55	84	1716250	143.496	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	1641121	154.135	ug/l	98
22) Diisopropyl ether	5.95	45	5583195	154.697	ug/l	98
23) Vinyl Acetate	5.90	43	19188810	853.614	ug/l	99
24) 1,1-Dichloroethane	5.85	63	3155358	153.122	ug/l	99
25) 2-Butanone	6.83	43	3574454	825.112	ug/l	98
26) 2,2-Dichloropropane	6.83	77	2257308	158.260	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1883175	151.835	ug/l	99
28) Bromochloromethane	7.19	49	1435055	152.469	ug/l	99
29) Tetrahydrofuran	7.21	42	2324272	831.828	ug/l	99
30) Chloroform	7.37	83	2993960	145.625	ug/l	98
31) Cyclohexane	7.65	56	2993723	129.853	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	2537215	155.760	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2412757	152.080	ug/l	100
37) Ethyl Acetate	6.93	43	1568278	161.973	ug/l	100
38) Carbon Tetrachloride	7.78	117	2222670	154.759	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2997963	155.469	ug/l	99
40) Benzene	8.04	78	7154852	151.326	ug/l	100
41) Methacrylonitrile	7.17	41	845539	159.734	ug/l	97
42) 1,2-Dichloroethane	8.12	62	2185503	152.660	ug/l	100
43) Isopropyl Acetate	8.16	43	2798799	170.810	ug/l	99
44) Trichloroethene	8.84	130	1843207	152.193	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1923000	152.980	ug/l	99
46) Dibromomethane	9.21	93	1076277	154.666	ug/l	99
47) Bromodichloromethane	9.40	83	2352700	155.505	ug/l	100
48) Methyl methacrylate	9.20	41	1463063	171.241	ug/l	98
49) 1,4-Dioxane	9.20	88	284977	3213.886	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	7736747	841.555	ug/l	100
52) Toluene	10.16	92	4342802	154.594	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	2522714	173.324	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2891397	165.771	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1548733	156.733	ug/l	99
56) Ethyl methacrylate	10.43	69	2173246	178.707	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2711720	155.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	6165659	859.904	ug/l	100
59) 2-Hexanone	10.75	43	5304643	859.724	ug/l	99
60) Dibromochloromethane	10.90	129	1762779	164.252	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1584310	161.429	ug/l	100
64) Tetrachloroethene	10.63	164	1680975	142.374	ug/l	99
65) Chlorobenzene	11.44	112	4792826	152.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1692712	155.039	ug/l	100
67) Ethyl Benzene	11.51	91	8527095	155.074	ug/l	99
68) m/p-Xylenes	11.62	106	6366790	311.025	ug/l	100
69) o-Xylene	11.95	106	3095719	155.732	ug/l	100
70) Styrene	11.96	104	5122405	161.786	ug/l	100
71) Bromoform	12.13	173	1229011	170.010	ug/l #	99
73) Isopropylbenzene	12.25	105	8212083	143.015	ug/l	99
74) N-amyl acetate	12.07	43	2499781	172.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1935401	148.169	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1580195m	145.561	ug/l	
77) Bromobenzene	12.53	156	2053023	144.651	ug/l	98
78) n-propylbenzene	12.59	91	9672166	148.271	ug/l	100
79) 2-Chlorotoluene	12.68	91	5574541	143.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	6726778	146.886	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	608842	180.154	ug/l	95
82) 4-Chlorotoluene	12.78	91	5718642	146.067	ug/l	100
83) tert-Butylbenzene	12.99	119	5866671	143.696	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	6900234	150.348	ug/l	99
85) sec-Butylbenzene	13.17	105	8229645	147.995	ug/l	99
86) p-Isopropyltoluene	13.29	119	7206427	152.153	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3712567	149.540	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3654906	149.456	ug/l	100
89) n-Butylbenzene	13.62	91	6455453	163.889	ug/l	100
90) Hexachloroethane	13.88	117	1243411	155.047	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3475697	146.535	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	311261	166.613	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	2053376	183.079	ug/l	100
94) Hexachlorobutadiene	15.01	225	1090001	142.847	ug/l	99
95) Naphthalene	15.14	128	4421559	190.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1891194	180.544	ug/l	100

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

