

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052473.D
 Acq On : 27 Nov 2018 11:58
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN112718

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:47 AM

Quant Time: Nov 28 01:18:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1137366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1731406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1542601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	710446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	600105	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.59	113	536213	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.09	98	2080257	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	711770	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	505732	47.489	ug/l	97
3) Chloromethane	2.06	50	660893	47.014	ug/l	98
4) Vinyl Chloride	2.19	62	671307	46.488	ug/l	99
5) Bromomethane	2.57	94	400797	44.483	ug/l	100
6) Chloroethane	2.71	64	402327	45.996	ug/l	100
7) Trichlorofluoromethane	3.02	101	844734	47.623	ug/l	99
8) Diethyl Ether	3.41	74	320125	48.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	545000	49.240	ug/l	99
10) Methyl Iodide	3.96	142	719106	48.780	ug/l	99
11) Tert butyl alcohol	4.78	59	125230	201.994	ug/l	99
12) 1,1-Dichloroethene	3.74	96	510326	47.899	ug/l	99
13) Acrolein	3.61	56	262561	242.587	ug/l	99
14) Allyl chloride	4.33	41	911386	49.633	ug/l	99
15) Acrylonitrile	4.99	53	937458	238.874	ug/l	99
16) Acetone	3.82	43	786573	240.810	ug/l	100
17) Carbon Disulfide	4.06	76	1580990	47.154	ug/l	100
18) Methyl Acetate	4.33	43	452801	48.328	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1393819	49.170	ug/l	99
20) Methylene Chloride	4.55	84	573982	44.905	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	546669	48.043	ug/l	97
22) Diisopropyl ether	5.95	45	1853171	48.046	ug/l	99
23) Vinyl Acetate	5.90	43	6029106	250.962	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1047638	47.571	ug/l	100
25) 2-Butanone	6.83	43	1118124	241.510	ug/l	98
26) 2,2-Dichloropropane	6.83	77	768479	50.414	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	624569	47.120	ug/l	99
28) Bromochloromethane	7.19	49	469511	46.677	ug/l	98
29) Tetrahydrofuran	7.21	42	690367	231.189	ug/l	99
30) Chloroform	7.37	83	1010204	45.977	ug/l	98
31) Cyclohexane	7.65	56	1022091	47.935	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	838614	48.173	ug/l	99
36) 1,1-Dichloropropene	7.79	75	803096	49.119	ug/l	99
37) Ethyl Acetate	6.93	43	482313	48.336	ug/l	99
38) Carbon Tetrachloride	7.77	117	728571	49.224	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1023180	51.486	ug/l	99
40) Benzene	8.04	78	2367073	48.579	ug/l	100
41) Methacrylonitrile	7.17	41	256135	46.952	ug/l	94
42) 1,2-Dichloroethane	8.12	62	720477	48.833	ug/l	100
43) Isopropyl Acetate	8.16	43	845198	50.052	ug/l	99
44) Trichloroethene	8.84	130	609948	48.869	ug/l	100
45) 1,2-Dichloropropane	9.12	63	631581	48.754	ug/l	98
46) Dibromomethane	9.21	93	350206	48.833	ug/l	99
47) Bromodichloromethane	9.40	83	766208	49.141	ug/l	100
48) Methyl methacrylate	9.20	41	443620	50.382	ug/l	99
49) 1,4-Dioxane	9.20	88	66610	728.922	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	2348329	247.859	ug/l	99
52) Toluene	10.16	92	1453489	50.206	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	782566	52.171	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	932581	51.881	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	499250	49.026	ug/l	99
56) Ethyl methacrylate	10.43	69	659295	46.805	ug/l	100
57) 1,3-Dichloropropane	10.71	76	876136	48.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1836930	248.590	ug/l	100
59) 2-Hexanone	10.75	43	1646315	258.903	ug/l	99
60) Dibromochloromethane	10.90	129	555416	50.217	ug/l	99
61) 1,2-Dibromoethane	11.01	107	498653	49.302	ug/l	99
64) Tetrachloroethene	10.63	164	570311	47.684	ug/l	99
65) Chlorobenzene	11.44	112	1570436	49.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	545722	49.342	ug/l	100
67) Ethyl Benzene	11.51	91	2804578	50.350	ug/l	99
68) m/p-Xylenes	11.62	106	2094101	100.986	ug/l	100
69) o-Xylene	11.95	106	1016078	50.459	ug/l	99
70) Styrene	11.97	104	1654323	51.580	ug/l	100
71) Bromoform	12.13	173	372468	50.863	ug/l #	99
73) Isopropylbenzene	12.25	105	2727744	48.938	ug/l	100
74) N-amyl acetate	12.07	43	727456	51.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	602231	47.497	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	519591m	47.428	ug/l	
77) Bromobenzene	12.53	156	665933	48.336	ug/l	100
78) n-propylbenzene	12.59	91	3189546	50.370	ug/l	100
79) 2-Chlorotoluene	12.68	91	1837738	48.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2238198	50.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	165634	50.490	ug/l	99
82) 4-Chlorotoluene	12.77	91	1866866	49.123	ug/l	99
83) tert-Butylbenzene	12.99	119	1948190	49.158	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2254962	50.616	ug/l	100
85) sec-Butylbenzene	13.17	105	2711411	50.231	ug/l	99
86) p-Isopropyltoluene	13.29	119	2346427	51.037	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1191721	49.451	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1169860	49.283	ug/l	100
89) n-Butylbenzene	13.62	91	2046176	53.515	ug/l	100
90) Hexachloroethane	13.88	117	387760	49.811	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1139610	49.496	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	89159	49.166	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	598264	47.578	ug/l	99
94) Hexachlorobutadiene	15.01	225	391455	52.849	ug/l	99
95) Naphthalene	15.14	128	1194075	45.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	537265	46.529	ug/l	99

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

