

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062057.D
 Acq On : 24 Jun 2020 10:06
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:03 PM

Quant Time: Jun 24 11:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	18441	5.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.24%	
35) Dibromofluoromethane	7.55	113	14804	5.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.52%	
50) Toluene-d8	10.06	98	55647	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	
62) 4-Bromofluorobenzene	12.38	95	17142	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	16204	5.909	ug/l	89
3) Chloromethane	2.04	50	21595	6.429	ug/l	94
4) Vinyl Chloride	2.16	62	25281	6.306	ug/l	96
5) Bromomethane	2.52	94	17323	5.718	ug/l	99
6) Chloroethane	2.66	64	18033	6.584	ug/l	94
7) Trichlorofluoromethane	2.98	101	31751	6.678	ug/l	95
8) Diethyl Ether	3.37	74	11186	6.839	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	17439	6.981	ug/l	97
10) Methyl Iodide	3.91	142	15816	5.802	ug/l #	96
11) Tert butyl alcohol	4.73	59	13629	29.625	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	16776	6.714	ug/l	91
13) Acrolein	3.56	56	12334	39.174	ug/l	93
14) Allyl chloride	4.28	41	21229	6.326	ug/l	99
15) Acrylonitrile	4.93	53	36265	31.570	ug/l	95
16) Acetone	3.78	43	35078	34.958	ug/l	97
17) Carbon Disulfide	4.01	76	48845	6.644	ug/l	99
18) Methyl Acetate	4.28	43	15239	5.558	ug/l #	68
19) Methyl tert-butyl Ether	5.00	73	48877	5.873	ug/l	97
20) Methylene Chloride	4.50	84	20183	6.337	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	18373	6.406	ug/l	97
22) Diisopropyl ether	5.90	45	47895	6.247	ug/l	93
23) Vinyl Acetate	5.84	43	185882	30.491	ug/l	100
24) 1,1-Dichloroethane	5.80	63	32243	6.458	ug/l	99
25) 2-Butanone	6.79	43	45097	31.126	ug/l	96
26) 2,2-Dichloropropane	6.78	77	27366	6.481	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	20421	6.181	ug/l	97
28) Bromochloromethane	7.15	49	13480	6.042	ug/l	99
29) Tetrahydrofuran	7.17	42	29628	31.022	ug/l	98
30) Chloroform	7.33	83	32899	6.203	ug/l	98
31) Cyclohexane	7.62	56	29469	6.733	ug/l #	85
32) 1,1,1-Trichloroethane	7.53	97	28064	6.222	ug/l	99
36) 1,1-Dichloropropene	7.75	75	23826	5.881	ug/l	99
37) Ethyl Acetate	6.88	43	17927	5.586	ug/l	97
38) Carbon Tetrachloride	7.73	117	23508	5.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	23742	5.440	ug/l	98
40) Benzene	8.00	78	75594	6.130	ug/l	97
41) Methacrylonitrile	7.13	41	8506	6.083	ug/l	95
42) 1,2-Dichloroethane	8.08	62	25991	6.188	ug/l	98
43) Isopropyl Acetate	8.13	43	31035	5.776	ug/l #	88
44) Trichloroethene	8.80	130	19467	6.056	ug/l	94
45) 1,2-Dichloropropane	9.08	63	17843	5.895	ug/l	96
46) Dibromomethane	9.17	93	12565	5.930	ug/l	96
47) Bromodichloromethane	9.37	83	24883	5.718	ug/l	94
48) Methyl methacrylate	9.17	41	12810	5.218	ug/l	98
49) 1,4-Dioxane	9.17	88	6300	111.528	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	88465	27.686	ug/l	99
52) Toluene	10.12	92	43708	5.658	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	26444	5.691	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	28010	5.562	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	17989	5.912	ug/l	96
56) Ethyl methacrylate	10.40	69	20164	4.950	ug/l	97
57) 1,3-Dichloropropane	10.68	76	31053	6.021	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	41839	26.085	ug/l	97
59) 2-Hexanone	10.72	43	59990	26.130	ug/l	98
60) Dibromochloromethane	10.87	129	18423	5.475	ug/l	97
61) 1,2-Dibromoethane	10.98	107	17572	5.552	ug/l	100
64) Tetrachloroethene	10.60	164	15842	6.149	ug/l	96
65) Chlorobenzene	11.41	112	48978	5.726	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	17029	5.730	ug/l	98
67) Ethyl Benzene	11.48	91	76629	5.332	ug/l	97
68) m/p-Xylenes	11.59	106	60701	10.951	ug/l	96
69) o-Xylene	11.92	106	27488	5.211	ug/l	96
70) Styrene	11.94	104	43201	4.891	ug/l	97
71) Bromoform	12.10	173	11368	5.260	ug/l #	93
73) Isopropylbenzene	12.22	105	71501	5.911	ug/l	99
74) N-amyl acetate	12.05	43	19552	4.987	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	25343	6.396	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	23960m	7.105	ug/l	
77) Bromobenzene	12.50	156	18402	6.047	ug/l	99
78) n-propylbenzene	12.57	91	79036	5.702	ug/l	99
79) 2-Chlorotoluene	12.65	91	50723	6.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	56860	5.692	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	6577	5.287	ug/l	89
82) 4-Chlorotoluene	12.75	91	51866	6.041	ug/l	100
83) tert-Butylbenzene	12.97	119	48569	5.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	56209	5.708	ug/l	99
85) sec-Butylbenzene	13.15	105	65638	5.905	ug/l	99
86) p-Isopropyltoluene	13.26	119	54521	5.525	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	30944	5.605	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	32211	5.701	ug/l	95
89) n-Butylbenzene	13.59	91	42178	5.097	ug/l	99
90) Hexachloroethane	13.85	117	11467	6.302	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	30964	5.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3704	5.761	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	10615	4.271	ug/l	98
94) Hexachlorobutadiene	14.98	225	6044	6.133	ug/l	98
95) Naphthalene	15.11	128	26486	3.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	11170	4.515	ug/l	98

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

