

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062632.D
 Acq On : 28 Jul 2020 14:10
 Operator : JC/MD
 Sample : VN0728WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:24 PM

Quant Time: Jul 29 04:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150312	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	7.55	113	102035	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.06	98	364817	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.37	95	135032	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	41687	19.398	ug/l	100
3) Chloromethane	2.04	50	45652	15.662	ug/l	98
4) Vinyl Chloride	2.16	62	41243	16.322	ug/l	98
5) Bromomethane	2.52	94	24640	22.016	ug/l	95
6) Chloroethane	2.66	64	24211	21.182	ug/l	98
7) Trichlorofluoromethane	2.98	101	68266	23.010	ug/l	96
8) Diethyl Ether	3.37	74	24300	17.515	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35514	18.670	ug/l	96
10) Methyl Iodide	3.91	142	40712	16.741	ug/l	96
11) Tert butyl alcohol	4.74	59	41181	92.492	ug/l	99
12) 1,1-Dichloroethene	3.70	96	34411	17.837	ug/l	94
13) Acrolein	3.57	56	27693	66.064	ug/l	99
14) Allyl chloride	4.28	41	68837	16.496	ug/l	94
15) Acrylonitrile	4.93	53	105077	88.110	ug/l	99
16) Acetone	3.78	43	106356	100.981	ug/l	100
17) Carbon Disulfide	4.01	76	102911	16.236	ug/l	99
18) Methyl Acetate	4.28	43	48925	18.349	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	134419	18.931	ug/l	98
20) Methylene Chloride	4.50	84	42704	16.905	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	38402	17.935	ug/l	100
22) Diisopropyl ether	5.90	45	154602	18.639	ug/l	96
23) Vinyl Acetate	5.84	43	633008	93.137	ug/l	98
24) 1,1-Dichloroethane	5.80	63	85906	19.233	ug/l	99
25) 2-Butanone	6.79	43	148975	92.875	ug/l	96
26) 2,2-Dichloropropane	6.78	77	74815	20.404	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	44363	18.158	ug/l	98
28) Bromochloromethane	7.15	49	43279	19.688	ug/l	94
29) Tetrahydrofuran	7.17	42	102096	94.065	ug/l	96
30) Chloroform	7.33	83	81794	19.260	ug/l	97
31) Cyclohexane	7.62	56	74023	17.949	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	74730	21.076	ug/l	98
36) 1,1-Dichloropropene	7.75	75	63073	20.074	ug/l	99
37) Ethyl Acetate	6.88	43	64160	18.944	ug/l	99
38) Carbon Tetrachloride	7.73	117	66455	22.004	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65489	19.363	ug/l	95
40) Benzene	8.00	78	178263	18.740	ug/l	98
41) Methacrylonitrile	7.14	41	30265m	20.850	ug/l	
42) 1,2-Dichloroethane	8.09	62	70340	20.227	ug/l	99
43) Isopropyl Acetate	8.13	43	99006	18.133	ug/l #	92
44) Trichloroethene	8.80	130	41824	19.497	ug/l	98
45) 1,2-Dichloropropane	9.09	63	45638	17.088	ug/l	99
46) Dibromomethane	9.18	93	30999	20.082	ug/l	98
47) Bromodichloromethane	9.37	83	68308	20.426	ug/l	99
48) Methyl methacrylate	9.17	41	49618	19.117	ug/l	96
49) 1,4-Dioxane	9.17	88	16244	407.495	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	283592	86.809	ug/l	98
52) Toluene	10.12	92	99952	18.096	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	74603	20.039	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	75407	18.877	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	43147	20.139	ug/l	95
56) Ethyl methacrylate	10.40	69	67591	18.717	ug/l	99
57) 1,3-Dichloropropane	10.68	76	75117	19.138	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79260	80.488	ug/l	99
59) 2-Hexanone	10.72	43	232425	93.865	ug/l	99
60) Dibromochloromethane	10.87	129	48909	20.463	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42939	19.247	ug/l	98
64) Tetrachloroethene	10.60	164	35848	20.266	ug/l	97
65) Chlorobenzene	11.41	112	112471	19.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40540	18.881	ug/l	99
67) Ethyl Benzene	11.48	91	191316	18.282	ug/l	99
68) m/p-Xylenes	11.60	106	140230	37.282	ug/l	99
69) o-Xylene	11.92	106	66863	18.720	ug/l	97
70) Styrene	11.94	104	113856	18.870	ug/l	98
71) Bromoform	12.10	173	31769	19.706	ug/l #	99
73) Isopropylbenzene	12.22	105	187063	20.458	ug/l	99
74) N-amyl acetate	12.05	43	80037	19.601	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	58014	18.258	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	59326m	20.156	ug/l	
77) Bromobenzene	12.50	156	43916	19.986	ug/l	95
78) n-propylbenzene	12.56	91	212829	19.871	ug/l	100
79) 2-Chlorotoluene	12.65	91	131898	19.983	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	160242	21.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	20661	19.540	ug/l	91
82) 4-Chlorotoluene	12.75	91	134510	19.578	ug/l	100
83) tert-Butylbenzene	12.97	119	136895	21.736	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	155175	20.855	ug/l	96
85) sec-Butylbenzene	13.15	105	177028	20.996	ug/l	100
86) p-Isopropyltoluene	13.26	119	154702	21.333	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	75739	19.641	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	75926	20.002	ug/l	99
89) n-Butylbenzene	13.59	91	122273	19.623	ug/l	99
90) Hexachloroethane	13.85	117	30164	19.539	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	72283	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12516	21.696	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33220	19.176	ug/l	98
94) Hexachlorobutadiene	14.98	225	25336	25.184	ug/l	98
95) Naphthalene	15.10	128	89327	19.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33567	19.318	ug/l	100

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

