

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062646.D
 Acq On : 29 Jul 2020 11:44
 Operator : JC/MD
 Sample : VN0729WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:21:02 PM

Quant Time: Jul 30 03:43:33 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	7.62	168	150003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114251	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.54	113	78644	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.06	98	296895	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.38	95	109937	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	33850	18.918	ug/l	99
3) Chloromethane	2.03	50	36884	15.199	ug/l	98
4) Vinyl Chloride	2.16	62	34808	16.545	ug/l	97
5) Bromomethane	2.52	94	21520	23.095	ug/l	96
6) Chloroethane	2.67	64	20631	21.680	ug/l	98
7) Trichlorofluoromethane	2.98	101	56779	22.987	ug/l	97
8) Diethyl Ether	3.37	74	19535	16.912	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30017	18.954	ug/l	97
10) Methyl Iodide	3.91	142	33100	16.348	ug/l	93
11) Tert butyl alcohol	4.73	59	30699	82.815	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	28138	17.519	ug/l	96
13) Acrolein	3.56	56	25646m	72.537	ug/l	
14) Allyl chloride	4.27	41	52534	15.121	ug/l	92
15) Acrylonitrile	4.93	53	81013	81.593	ug/l	99
16) Acetone	3.77	43	78876	89.951	ug/l	97
17) Carbon Disulfide	4.01	76	82440	15.622	ug/l	99
18) Methyl Acetate	4.27	43	37048	16.689	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	104487	17.675	ug/l	97
20) Methylene Chloride	4.50	84	35655	16.953	ug/l	88
21) trans-1,2-Dichloroethene	4.99	96	30003	16.831	ug/l	99
22) Diisopropyl ether	5.90	45	110451	15.994	ug/l	93
23) Vinyl Acetate	5.84	43	438849	77.555	ug/l	95
24) 1,1-Dichloroethane	5.79	63	63030	16.949	ug/l	100
25) 2-Butanone	6.79	43	107730	80.669	ug/l	100
26) 2,2-Dichloropropane	6.77	77	58030	19.009	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34507	16.964	ug/l	99
28) Bromochloromethane	7.15	49	28814	15.744	ug/l	87
29) Tetrahydrofuran	7.17	42	70809	78.359	ug/l	95
30) Chloroform	7.33	83	65288	18.465	ug/l	97
31) Cyclohexane	7.61	56	54581	15.896	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	59414	20.126	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48144	18.638	ug/l	97
37) Ethyl Acetate	6.88	43	44956	16.145	ug/l	100
38) Carbon Tetrachloride	7.73	117	50973	20.529	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	49838	17.923	ug/l	98
40) Benzene	8.00	78	134850	17.243	ug/l	99
41) Methacrylonitrile	7.12	41	20934	17.542	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	56708	19.834	ug/l	97
43) Isopropyl Acetate	8.12	43	72164	16.076	ug/l	96
44) Trichloroethene	8.80	130	32065	18.182	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36273	16.520	ug/l	99
46) Dibromomethane	9.17	93	23765	18.726	ug/l	96
47) Bromodichloromethane	9.37	83	51166	18.610	ug/l #	97
48) Methyl methacrylate	9.17	41	34996	16.401	ug/l	95
49) 1,4-Dioxane	9.16	88	11195	341.592	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	221071	82.310	ug/l	99
52) Toluene	10.12	92	82341	18.133	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	55307	18.070	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58149	17.706	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	31548	17.911	ug/l	98
56) Ethyl methacrylate	10.40	69	48665	16.611	ug/l	96
57) 1,3-Dichloropropane	10.68	76	57408	17.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	74364	89.496	ug/l	95
59) 2-Hexanone	10.72	43	158061	78.154	ug/l	99
60) Dibromochloromethane	10.87	129	36413	18.531	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32681	17.818	ug/l	100
64) Tetrachloroethene	10.60	164	28519	19.516	ug/l	96
65) Chlorobenzene	11.40	112	85639	18.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	33646	18.968	ug/l	97
67) Ethyl Benzene	11.48	91	155454	17.982	ug/l	100
68) m/p-Xylenes	11.59	106	116298	37.427	ug/l	99
69) o-Xylene	11.92	106	54731	18.548	ug/l	97
70) Styrene	11.94	104	93705	18.799	ug/l	99
71) Bromoform	12.10	173	25792	19.366	ug/l #	99
73) Isopropylbenzene	12.22	105	153425	18.526	ug/l	99
74) N-amyl acetate	12.04	43	58805	15.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47963	16.666	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	45783m	17.174	ug/l	
77) Bromobenzene	12.50	156	35275	17.724	ug/l	96
78) n-propylbenzene	12.56	91	175985	18.142	ug/l	99
79) 2-Chlorotoluene	12.65	91	106361	17.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	133798	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16174	16.889	ug/l	91
82) 4-Chlorotoluene	12.75	91	112362	18.057	ug/l	100
83) tert-Butylbenzene	12.97	119	107790	18.897	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	127327	18.894	ug/l	100
85) sec-Butylbenzene	13.15	105	145125	19.004	ug/l	99
86) p-Isopropyltoluene	13.26	119	131573	20.032	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	62516	17.900	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	62471	18.170	ug/l	97
89) n-Butylbenzene	13.59	91	104667	18.546	ug/l	99
90) Hexachloroethane	13.85	117	25846	18.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	62723	18.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10192	19.506	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27176	17.620	ug/l	99
94) Hexachlorobutadiene	14.98	225	20658	22.628	ug/l	99
95) Naphthalene	15.10	128	65739	16.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27401	17.411	ug/l	98

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

