

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073020\
 Data File : VN062661.D
 Acq On : 30 Jul 2020 10:57
 Operator : JC/MD
 Sample : VN0730WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:47 AM

Quant Time: Jul 31 04:43:05 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	169360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	132943	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.55	113	89656	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.06	98	347906	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	129451	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36244	17.941	ug/l	100
3) Chloromethane	2.03	50	40053	14.618	ug/l	99
4) Vinyl Chloride	2.16	62	37947	15.976	ug/l	93
5) Bromomethane	2.53	94	20718	19.693	ug/l	99
6) Chloroethane	2.67	64	19801	18.429	ug/l	100
7) Trichlorofluoromethane	2.98	101	57849	20.743	ug/l	100
8) Diethyl Ether	3.38	74	20433	15.668	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34271	19.167	ug/l	98
10) Methyl Iodide	3.91	142	39093	17.102	ug/l	97
11) Tert butyl alcohol	4.73	59	31755	75.873	ug/l	97
12) 1,1-Dichloroethene	3.69	96	31720	17.492	ug/l	99
13) Acrolein	3.57	56	19405	51.394	ug/l	98
14) Allyl chloride	4.27	41	63257	16.126	ug/l	96
15) Acrylonitrile	4.93	53	95452	85.148	ug/l	98
16) Acetone	3.77	43	85912	86.777	ug/l	99
17) Carbon Disulfide	4.00	76	95005	15.945	ug/l	100
18) Methyl Acetate	4.28	43	46030	18.365	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	117931	17.669	ug/l	99
20) Methylene Chloride	4.50	84	39413	16.598	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35685	17.730	ug/l	100
22) Diisopropyl ether	5.90	45	132112	16.944	ug/l	92
23) Vinyl Acetate	5.84	43	528840	82.776	ug/l	98
24) 1,1-Dichloroethane	5.79	63	73605	17.530	ug/l	99
25) 2-Butanone	6.79	43	123770	82.087	ug/l	98
26) 2,2-Dichloropropane	6.77	77	65569	19.023	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	39903	17.375	ug/l	97
28) Bromochloromethane	7.15	49	38961	18.855	ug/l	94
29) Tetrahydrofuran	7.17	42	81558	79.938	ug/l	97
30) Chloroform	7.33	83	74835	18.746	ug/l	95
31) Cyclohexane	7.61	56	61887	15.964	ug/l	# 88
32) 1,1,1-Trichloroethane	7.53	97	66318	19.897	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55315	19.342	ug/l	99
37) Ethyl Acetate	6.88	43	54099	17.548	ug/l	98
38) Carbon Tetrachloride	7.73	117	58098	21.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	56314	18.292	ug/l	99
40) Benzene	8.00	78	157178	18.153	ug/l	99
41) Methacrylonitrile	7.13	41	23954m	18.130	ug/l	
42) 1,2-Dichloroethane	8.09	62	63960	20.206	ug/l	98
43) Isopropyl Acetate	8.12	43	88112	17.730	ug/l #	91
44) Trichloroethene	8.80	130	36325	18.604	ug/l	98
45) 1,2-Dichloropropane	9.08	63	44221	18.191	ug/l	99
46) Dibromomethane	9.17	93	27522	19.588	ug/l	97
47) Bromodichloromethane	9.37	83	59901	19.679	ug/l	94
48) Methyl methacrylate	9.17	41	41957	17.760	ug/l	97
49) 1,4-Dioxane	9.17	88	11728	323.224	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	265791	89.384	ug/l	100
52) Toluene	10.12	92	96239	19.142	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	64860	19.141	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	69297	19.058	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38108	19.541	ug/l	97
56) Ethyl methacrylate	10.40	69	57605	17.638	ug/l	99
57) 1,3-Dichloropropane	10.68	76	68215	19.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	80809	88.150	ug/l	99
59) 2-Hexanone	10.72	43	192754	85.784	ug/l	99
60) Dibromochloromethane	10.87	129	43502	19.996	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37965	18.696	ug/l	98
64) Tetrachloroethene	10.60	164	31421	19.140	ug/l	99
65) Chlorobenzene	11.40	112	98187	18.536	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38843	19.492	ug/l	98
67) Ethyl Benzene	11.48	91	180498	18.585	ug/l	99
68) m/p-Xylenes	11.59	106	132383	37.923	ug/l	98
69) o-Xylene	11.92	106	61904	18.675	ug/l	97
70) Styrene	11.94	104	108190	19.321	ug/l	99
71) Bromoform	12.10	173	29415	19.660	ug/l #	97
73) Isopropylbenzene	12.22	105	173596	18.382	ug/l	100
74) N-amyl acetate	12.04	43	74058	17.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	55937	17.045	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	54716m	17.998	ug/l	
77) Bromobenzene	12.50	156	41908	18.465	ug/l	94
78) n-propylbenzene	12.57	91	205309	18.559	ug/l	100
79) 2-Chlorotoluene	12.65	91	123552	18.123	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153513	19.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19615	17.961	ug/l	95
82) 4-Chlorotoluene	12.75	91	129744	18.284	ug/l	100
83) tert-Butylbenzene	12.97	119	123609	19.002	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	149016	19.391	ug/l	98
85) sec-Butylbenzene	13.15	105	170166	19.540	ug/l	100
86) p-Isopropyltoluene	13.26	119	149539	19.965	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	73295	18.403	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	72596	18.516	ug/l	99
89) n-Butylbenzene	13.59	91	117552	18.265	ug/l	99
90) Hexachloroethane	13.85	117	30038	18.839	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	70176	18.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11057	18.557	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30401	17.344	ug/l	99
94) Hexachlorobutadiene	14.99	225	22511	21.603	ug/l	96
95) Naphthalene	15.10	128	74410	16.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	30290	16.878	ug/l	98

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

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