

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062574.D
 Acq On : 21 Jul 2020 16:27
 Operator : JC/MD
 Sample : VN0721WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:48 PM

Quant Time: Jul 22 05:28:09 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	220848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151677	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
35) Dibromofluoromethane	7.55	113	107533	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	10.06	98	427077	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
62) 4-Bromofluorobenzene	12.37	95	153149	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43354	16.457	ug/l	99
3) Chloromethane	2.03	50	57515	16.097	ug/l	98
4) Vinyl Chloride	2.16	62	51177	16.523	ug/l	98
5) Bromomethane	2.53	94	24122	17.583	ug/l	98
6) Chloroethane	2.67	64	23734	16.940	ug/l	98
7) Trichlorofluoromethane	2.98	101	64465	17.726	ug/l	100
8) Diethyl Ether	3.37	74	30290	17.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39386	16.892	ug/l	98
10) Methyl Iodide	3.91	142	47212	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	47821	87.622	ug/l	99
12) 1,1-Dichloroethene	3.70	96	40473	17.115	ug/l	97
13) Acrolein	3.57	56	41753	79.319	ug/l	96
14) Allyl chloride	4.27	41	86273	16.866	ug/l	98
15) Acrylonitrile	4.93	53	128699	88.040	ug/l	99
16) Acetone	3.78	43	112518	87.154	ug/l	96
17) Carbon Disulfide	4.01	76	124543	16.029	ug/l	99
18) Methyl Acetate	4.28	43	57907	17.718	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	150763	17.322	ug/l	97
20) Methylene Chloride	4.50	84	49958	16.134	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	43501	16.575	ug/l	98
22) Diisopropyl ether	5.90	45	178846	17.590	ug/l	98
23) Vinyl Acetate	5.84	43	743625	89.259	ug/l	100
24) 1,1-Dichloroethane	5.80	63	93733	17.120	ug/l	99
25) 2-Butanone	6.78	43	174558	88.780	ug/l	100
26) 2,2-Dichloropropane	6.77	77	74370	16.546	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	50912	17.000	ug/l	99
28) Bromochloromethane	7.15	49	50789	18.849	ug/l	98
29) Tetrahydrofuran	7.17	42	119382	89.731	ug/l	99
30) Chloroform	7.33	83	88143	16.932	ug/l	99
31) Cyclohexane	7.61	56	85446	16.903	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	73158	16.832	ug/l	99
36) 1,1-Dichloropropene	7.75	75	67342	17.300	ug/l	98
37) Ethyl Acetate	6.88	43	74442	17.741	ug/l	98
38) Carbon Tetrachloride	7.73	117	63337	16.928	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72357	17.268	ug/l	97
40) Benzene	8.00	78	202979	17.224	ug/l	100
41) Methacrylonitrile	7.13	41	35661	19.830	ug/l	88
42) 1,2-Dichloroethane	8.09	62	75879	17.612	ug/l	99
43) Isopropyl Acetate	8.13	43	122473	18.106	ug/l #	91
44) Trichloroethene	8.80	130	45320	17.053	ug/l	100
45) 1,2-Dichloropropane	9.09	63	58477	17.673	ug/l	99
46) Dibromomethane	9.18	93	33942	17.749	ug/l	99
47) Bromodichloromethane	9.37	83	71828	17.337	ug/l	100
48) Methyl methacrylate	9.17	41	57750	17.960	ug/l	97
49) 1,4-Dioxane	9.17	88	18275	370.041	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	368938	91.156	ug/l	99
52) Toluene	10.12	92	120662	17.633	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	81004	17.563	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	87070	17.593	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	48899	18.422	ug/l	99
56) Ethyl methacrylate	10.40	69	75266	17.002	ug/l	99
57) 1,3-Dichloropropane	10.68	76	86839	17.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	114160	90.860	ug/l	99
59) 2-Hexanone	10.72	43	259322	84.827	ug/l	99
60) Dibromochloromethane	10.87	129	51163	17.278	ug/l	97
61) 1,2-Dibromoethane	10.98	107	47411	17.153	ug/l	99
64) Tetrachloroethene	10.60	164	37478	16.963	ug/l	99
65) Chlorobenzene	11.41	112	123308	17.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	45968	17.140	ug/l	99
67) Ethyl Benzene	11.48	91	226216	17.306	ug/l	100
68) m/p-Xylenes	11.60	106	163945	34.895	ug/l	100
69) o-Xylene	11.92	106	77589	17.391	ug/l	100
70) Styrene	11.94	104	132298	17.554	ug/l	99
71) Bromoform	12.10	173	34242	17.005	ug/l #	98
73) Isopropylbenzene	12.22	105	213390	17.841	ug/l	99
74) N-amyl acetate	12.05	43	97018	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70520	16.967	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	71993m	18.699	ug/l	
77) Bromobenzene	12.50	156	49954	17.380	ug/l	97
78) n-propylbenzene	12.57	91	246534	17.597	ug/l	100
79) 2-Chlorotoluene	12.65	91	151016	17.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	178275	17.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23725	17.154	ug/l	95
82) 4-Chlorotoluene	12.75	91	157143	17.486	ug/l	98
83) tert-Butylbenzene	12.97	119	147864	17.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	171625	17.634	ug/l	100
85) sec-Butylbenzene	13.15	105	194424	17.628	ug/l	99
86) p-Isopropyltoluene	13.26	119	170361	17.959	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	85354	16.922	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	86159	17.352	ug/l	99
89) n-Butylbenzene	13.59	91	136500	16.747	ug/l	99
90) Hexachloroethane	13.85	117	33153	16.418	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	84268	17.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13333	17.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36419	16.574	ug/l	96
94) Hexachlorobutadiene	14.98	225	23236	17.526	ug/l	97
95) Naphthalene	15.10	128	97264	17.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37765	16.615	ug/l	99

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

