

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062588.D
 Acq On : 22 Jul 2020 12:00
 Operator : JC/MD
 Sample : VN0722WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:15:00 PM

Quant Time: Jul 23 07:24:07 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	204108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	159042	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.55	113	111838	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.06	98	447535	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.37	95	158346	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44491	18.274	ug/l	99
3) Chloromethane	2.04	50	57592	17.441	ug/l	97
4) Vinyl Chloride	2.16	62	51853	18.114	ug/l	100
5) Bromomethane	2.54	94	23706	18.697	ug/l	93
6) Chloroethane	2.67	64	23517	18.162	ug/l	98
7) Trichlorofluoromethane	2.98	101	62538	18.607	ug/l	99
8) Diethyl Ether	3.37	74	29012	18.459	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41319	19.174	ug/l	98
10) Methyl Iodide	3.91	142	49528	17.978	ug/l	99
11) Tert butyl alcohol	4.73	59	45140	89.493	ug/l	100
12) 1,1-Dichloroethene	3.70	96	40021	18.312	ug/l	99
13) Acrolein	3.57	56	38311	78.809	ug/l	99
14) Allyl chloride	4.28	41	85236	18.030	ug/l	99
15) Acrylonitrile	4.93	53	124037	91.810	ug/l	99
16) Acetone	3.77	43	112981	94.690	ug/l	99
17) Carbon Disulfide	4.01	76	128187	17.852	ug/l	99
18) Methyl Acetate	4.28	43	55687	18.436	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	146773	18.247	ug/l	100
20) Methylene Chloride	4.50	84	51901	18.136	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	45071	18.581	ug/l	98
22) Diisopropyl ether	5.90	45	177309	18.869	ug/l	97
23) Vinyl Acetate	5.84	43	724877	94.145	ug/l	100
24) 1,1-Dichloroethane	5.80	63	95669	18.906	ug/l	100
25) 2-Butanone	6.79	43	170753	93.967	ug/l	100
26) 2,2-Dichloropropane	6.77	77	76915	18.516	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	51336	18.547	ug/l	97
28) Bromochloromethane	7.15	49	50994	20.477	ug/l	99
29) Tetrahydrofuran	7.17	42	113939	92.664	ug/l	100
30) Chloroform	7.33	83	91134	18.942	ug/l	99
31) Cyclohexane	7.61	56	84758	18.142	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	75844	18.881	ug/l	99
36) 1,1-Dichloropropene	7.75	75	66838	18.535	ug/l	99
37) Ethyl Acetate	6.88	43	69647	17.918	ug/l	99
38) Carbon Tetrachloride	7.73	117	67140	19.370	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72851	18.768	ug/l	96
40) Benzene	8.00	78	201885	18.493	ug/l	99
41) Methacrylonitrile	7.12	41	28576	17.153	ug/l	99
42) 1,2-Dichloroethane	8.09	62	75627	18.949	ug/l	100
43) Isopropyl Acetate	8.12	43	114119	18.212	ug/l	100
44) Trichloroethene	8.80	130	46373	18.836	ug/l	99
45) 1,2-Dichloropropane	9.08	63	58136	18.967	ug/l	97
46) Dibromomethane	9.18	93	33150	18.712	ug/l	98
47) Bromodichloromethane	9.37	83	70832	18.455	ug/l	98
48) Methyl methacrylate	9.17	41	54002	18.129	ug/l	99
49) 1,4-Dioxane	9.16	88	18294	399.871	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	345726	92.211	ug/l	99
52) Toluene	10.12	92	121688	19.196	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	79115	18.517	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	87385	19.061	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	46524	18.921	ug/l	98
56) Ethyl methacrylate	10.40	69	73468	17.820	ug/l	97
57) 1,3-Dichloropropane	10.68	76	83780	18.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	114977	97.330	ug/l	98
59) 2-Hexanone	10.72	43	248790	87.745	ug/l	100
60) Dibromochloromethane	10.87	129	51574	18.801	ug/l	97
61) 1,2-Dibromoethane	10.98	107	47062	18.381	ug/l	98
64) Tetrachloroethene	10.60	164	39232	19.115	ug/l	95
65) Chlorobenzene	11.41	112	125074	18.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	46234	18.558	ug/l	99
67) Ethyl Benzene	11.48	91	228067	18.783	ug/l	99
68) m/p-Xylenes	11.59	106	167728	38.432	ug/l	99
69) o-Xylene	11.92	106	78243	18.880	ug/l	99
70) Styrene	11.94	104	132617	18.943	ug/l	99
71) Bromoform	12.10	173	34342	18.359	ug/l #	98
73) Isopropylbenzene	12.22	105	211316	18.806	ug/l	99
74) N-amyl acetate	12.05	43	92511	18.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	68471	17.536	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	67318m	18.611	ug/l	
77) Bromobenzene	12.50	156	49489	18.327	ug/l	98
78) n-propylbenzene	12.56	91	250648	19.043	ug/l	99
79) 2-Chlorotoluene	12.65	91	151862	18.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	181124	19.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23270	17.909	ug/l	97
82) 4-Chlorotoluene	12.75	91	156688	18.558	ug/l	100
83) tert-Butylbenzene	12.97	119	147386	19.043	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	175423	19.185	ug/l	99
85) sec-Butylbenzene	13.15	105	198202	19.128	ug/l	100
86) p-Isopropyltoluene	13.26	119	171475	19.241	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	86204	18.191	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	86087	18.454	ug/l	98
89) n-Butylbenzene	13.59	91	138922	18.142	ug/l	99
90) Hexachloroethane	13.85	117	34803	18.345	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	83481	18.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12380	17.463	ug/l	96

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QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	35848	17.217	ug/l	99
94) Hexachlorobutadiene	14.98	225	23788	19.138	ug/l	98
95) Naphthalene	15.10	128	85991	16.345	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	36249	16.976	ug/l	99

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

