

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062402.D
 Acq On : 8 Jul 2020 11:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:54:54 AM

Quant Time: Jul 09 02:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 11:45:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	302375	79.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.74%	
35) Dibromofluoromethane	7.55	113	211267	83.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.06%	
50) Toluene-d8	10.06	98	845689	89.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.16%	
62) 4-Bromofluorobenzene	12.38	95	317746	87.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	203476	84.025	ug/l	97
3) Chloromethane	2.03	50	319046	87.541	ug/l	100
4) Vinyl Chloride	2.16	62	267627	86.339	ug/l	97
5) Bromomethane	2.51	94	142973m	89.231	ug/l	
6) Chloroethane	2.66	64	157741	87.288	ug/l	97
7) Trichlorofluoromethane	2.98	101	332612	79.222	ug/l	100
8) Diethyl Ether	3.37	74	156586	93.603	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	202333	84.655	ug/l	99
10) Methyl Iodide	3.91	142	287019	98.951	ug/l	100
11) Tert butyl alcohol	4.74	59	250213	464.341	ug/l	99
12) 1,1-Dichloroethene	3.69	96	206104	91.992	ug/l	97
13) Acrolein	3.56	56	192412	695.040	ug/l	100
14) Allyl chloride	4.27	41	498453	92.204	ug/l	100
15) Acrylonitrile	4.93	53	715757	499.583	ug/l	100
16) Acetone	3.77	43	614039	351.342	ug/l	98
17) Carbon Disulfide	4.00	76	640076	90.168	ug/l	99
18) Methyl Acetate	4.28	43	321537	81.997	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	792183	93.168	ug/l	100
20) Methylene Chloride	4.50	84	259181	80.720	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	224344	90.557	ug/l	98
22) Diisopropyl ether	5.90	45	976397	90.579	ug/l	97
23) Vinyl Acetate	5.84	43	4156183	496.432	ug/l	100
24) 1,1-Dichloroethane	5.80	63	495520	91.927	ug/l	100
25) 2-Butanone	6.79	43	998725	445.965	ug/l	99
26) 2,2-Dichloropropane	6.77	77	383706	87.589	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	264306	93.435	ug/l	100
28) Bromochloromethane	7.15	49	265323	89.583	ug/l	99
29) Tetrahydrofuran	7.17	42	665567	465.563	ug/l	99
30) Chloroform	7.33	83	453249	87.069	ug/l	100
31) Cyclohexane	7.61	56	446146	89.303	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	379432	87.086	ug/l	100
36) 1,1-Dichloropropene	7.75	75	352817	88.201	ug/l	99
37) Ethyl Acetate	6.88	43	414493	89.031	ug/l	99
38) Carbon Tetrachloride	7.73	117	320573	81.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	393313	91.345	ug/l	98
40) Benzene	8.00	78	1049235	92.207	ug/l	100
41) Methacrylonitrile	7.13	41	190866	82.311	ug/l	97
42) 1,2-Dichloroethane	8.09	62	390845	79.972	ug/l	99
43) Isopropyl Acetate	8.13	43	683683	87.915	ug/l	99
44) Trichloroethene	8.80	130	234500	86.830	ug/l	99
45) 1,2-Dichloropropane	9.09	63	304427	91.226	ug/l	99
46) Dibromomethane	9.18	93	171662	84.280	ug/l	99
47) Bromodichloromethane	9.37	83	375098	86.331	ug/l	99
48) Methyl methacrylate	9.17	41	336450	85.123	ug/l	100
49) 1,4-Dioxane	9.17	88	97179	1789.397	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2059036	490.954	ug/l	99
52) Toluene	10.12	92	620816	92.053	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	442181	94.522	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	474954	94.329	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	241088	88.685	ug/l	96
56) Ethyl methacrylate	10.40	69	440844	100.464	ug/l	99
57) 1,3-Dichloropropane	10.68	76	454099	90.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	795711	512.379	ug/l	99
59) 2-Hexanone	10.72	43	1529341	485.638	ug/l	99
60) Dibromochloromethane	10.87	129	270977	88.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	251318	90.480	ug/l	100
64) Tetrachloroethene	10.60	164	190759	84.777	ug/l	98
65) Chlorobenzene	11.41	112	638935	88.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	237783	88.160	ug/l	98
67) Ethyl Benzene	11.48	91	1236919	97.248	ug/l	99
68) m/p-Xylenes	11.59	106	886273	190.589	ug/l	99
69) o-Xylene	11.92	106	425690	92.804	ug/l	100
70) Styrene	11.94	104	739914	97.604	ug/l	100
71) Bromoform	12.10	173	186011	88.407	ug/l #	98
73) Isopropylbenzene	12.22	105	1149121	92.020	ug/l	100
74) N-amyl acetate	12.05	43	621798	93.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	379042	86.646	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	366075m	90.996	ug/l	
77) Bromobenzene	12.50	156	264602	89.918	ug/l	98
78) n-propylbenzene	12.57	91	1390726	97.558	ug/l	100
79) 2-Chlorotoluene	12.65	91	828348	91.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	978314	93.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	143833	99.432	ug/l	97
82) 4-Chlorotoluene	12.75	91	866878	93.745	ug/l	100
83) tert-Butylbenzene	12.97	119	819514	91.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	987386	95.381	ug/l	100
85) sec-Butylbenzene	13.15	105	1104757	97.065	ug/l	100
86) p-Isopropyltoluene	13.26	119	979390	95.565	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	475226	90.142	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	477070	87.599	ug/l	99
89) n-Butylbenzene	13.59	91	903057	102.224	ug/l	100
90) Hexachloroethane	13.85	117	191177	88.000	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	452448	89.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	75744	89.610	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	248725	105.176	ug/l	99
94) Hexachlorobutadiene	14.98	225	117832	79.627	ug/l	99
95) Naphthalene	15.10	128	693604	110.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	247095	101.838	ug/l	99

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

