

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064115.D
 Acq On : 14 Oct 2020 15:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:24 PM

Quant Time: Oct 14 16:19:34 2020
 Quant Title :
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	368079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	615271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	284070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242444	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	
35) Dibromofluoromethane	7.55	113	198949	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	10.06	98	761036	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.38	95	262057	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.83	85	174772	45.230	ug/l	100
3) Chloromethane	2.04	50	206295	45.269	ug/l	100
4) Vinyl Chloride	2.16	62	254484	53.887	ug/l	100
5) Bromomethane	2.53	94	193417	61.803	ug/l	100
6) Chloroethane	2.67	64	198929	67.090	ug/l	100
7) Trichlorofluoromethane	2.98	101	351956	48.283	ug/l	100
8) Diethyl Ether	3.37	74	112480	46.344	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175082	45.417	ug/l	100
10) Methyl Iodide	3.91	142	254089	55.182	ug/l	100
11) Tert butyl alcohol	4.73	59	138784	213.809	ug/l	100
12) 1,1-Dichloroethene	3.70	96	174846	47.048	ug/l	100
13) Acrolein	3.57	56	119247	281.488	ug/l	100
14) Allvl chloride	4.28	41	275609	41.133	ug/l	100
15) Acrylonitrile	4.93	53	409855	218.080	ug/l	100
16) Acetone	3.78	43	364374	200.613	ug/l	100
17) Carbon Disulfide	4.01	76	512127	46.980	ug/l	100
18) Methyl Acetate	4.28	43	180657	38.367	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	549947	41.948	ug/l	100
20) Methylene Chloride	4.50	84	217826	46.697	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	203398	48.548	ug/l	100
22) Diisopropyl ether	5.90	45	568458	41.349	ug/l	100
23) Vinyl Acetate	5.85	43	2623557	228.018	ug/l	100
24) 1,1-Dichloroethane	5.80	63	375437	46.630	ug/l	100
25) 2-Butanone	6.78	43	586331	225.488	ug/l	100
26) 2,2-Dichloropropane	6.78	77	302510	41.726	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	237641	49.399	ug/l	100
28) Bromochloromethane	7.15	49	171801	43.876	ug/l #	100
29) Tetrahydrofuran	7.16	42	349486	203.244	ug/l	100
30) Chloroform	7.33	83	405736	48.034	ug/l	100
31) Cyclohexane	7.61	56	270783	39.531	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	357406	47.284	ug/l	100
36) 1,1-Dichloropropene	7.76	75	294729	47.369	ug/l	100
37) Ethyl Acetate	6.88	43	261404	42.871	ug/l	100
38) Carbon Tetrachloride	7.73	117	311079	44.871	ug/l	100
39) Methylcyclohexane	9.05	83	256825	42.422	ug/l	100

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40) Benzene	8.00	78	894193	49.809	ug/l	100
41) Methacrylonitrile	7.13	41	114196	43.182	ug/l	100
42) 1,2-Dichloroethane	8.08	62	323442	43.354	ug/l	100
43) Isopropyl Acetate	8.13	43	431422	43.428	ug/l	100
44) Trichloroethene	8.80	130	235931	49.995	ug/l	100
45) 1,2-Dichloropropane	9.08	63	231352	48.175	ug/l	100
46) Dibromomethane	9.18	93	162464	48.774	ug/l	100
47) Bromodichloromethane	9.37	83	331908	48.691	ug/l	100
48) Methyl methacrylate	9.17	41	209933	42.711	ug/l	100
49) 1,4-Dioxane	9.17	88	57125	817.154	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1322975	226.120	ug/l	100
52) Toluene	10.13	92	571509	51.464	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	346693	47.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	371708	48.795	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	226827	51.057	ug/l	100
56) Ethyl methacrylate	10.40	69	310926	49.966	ug/l	100
57) 1,3-Dichloropropane	10.68	76	376841	50.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	796985	240.762	ug/l	100
59) 2-Hexanone	10.72	43	948065	218.790	ug/l	100
60) Dibromochloromethane	10.87	129	262810	50.672	ug/l	100
61) 1,2-Dibromoethane	10.98	107	239978	52.607	ug/l	100
64) Tetrachloroethene	10.60	164	222065	48.465	ug/l	100
65) Chlorobenzene	11.41	112	616190	50.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	237090	51.127	ug/l	100
67) Ethyl Benzene	11.48	91	1080221	49.524	ug/l	100
68) m/p-Xylenes	11.59	106	828372	101.272	ug/l	100
69) o-Xylene	11.92	106	390227	51.028	ug/l	100
70) Styrene	11.94	104	670048	51.751	ug/l	100
71) Bromoform	12.10	173	182232	51.506	ug/l #	100
73) Isopropylbenzene	12.23	105	1024111	49.359	ug/l	100
74) N-amyl acetate	12.04	43	388855	46.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	322164	50.386	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	282223m	45.023	ug/l	100
77) Bromobenzene	12.50	156	270332	52.256	ug/l	100
78) n-propylbenzene	12.57	91	1164358	48.287	ug/l	100
79) 2-Chlorotoluene	12.65	91	712080	47.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	858710	49.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	106433	49.221	ug/l	100
82) 4-Chlorotoluene	12.75	91	736933	47.945	ug/l	100
83) tert-Butylbenzene	12.97	119	697739	49.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	855758	49.491	ug/l	100
85) sec-Butylbenzene	13.15	105	908315	48.702	ug/l	100
86) p-Isopropyltoluene	13.26	119	816395	49.544	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	471060	50.728	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	469522	48.515	ug/l	100
89) n-Butylbenzene	13.59	91	667225	44.489	ug/l	100
90) Hexachloroethane	13.85	117	138441	44.158	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	470329	50.857	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63068	43.205	ug/l	100
93) 1,2,4-Trichlorobenzene	14.88	180	212026	42.952	ug/l	100
94) Hexachlorobutadiene	14.98	225	105933	37.091	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	631143	41.983	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	213883	42.991	ug/l	100

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

