

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064095.D
 Acq On : 12 Oct 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 4:09:57 PM

Quant Time: Oct 13 03:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	248121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202342	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.55	113	142695	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.06	98	522754	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	200366	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105883	40.443	ug/l	99
3) Chloromethane	2.04	50	144395	47.004	ug/l	99
4) Vinyl Chloride	2.16	62	142812	46.313	ug/l	98
5) Bromomethane	2.52	94	83263	42.928	ug/l	100
6) Chloroethane	2.67	64	91976	49.916	ug/l	98
7) Trichlorofluoromethane	2.98	101	223705	45.742	ug/l	99
8) Diethyl Ether	3.37	74	89432	54.071	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	118145	45.198	ug/l	97
10) Methyl Iodide	3.91	142	165607	54.564	ug/l	97
11) Tert butyl alcohol	4.73	59	136641	301.931	ug/l	99
12) 1,1-Dichloroethene	3.70	96	122473	49.018	ug/l	92
13) Acrolein	3.56	56	102917	370.532	ug/l	100
14) Allyl chloride	4.27	41	248094	53.448	ug/l	89
15) Acrylonitrile	4.93	53	407911	314.887	ug/l	98
16) Acetone	3.77	43	367535	291.268	ug/l	99
17) Carbon Disulfide	4.01	76	309996	45.962	ug/l	100
18) Methyl Acetate	4.27	43	226113	69.016	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	503895	55.511	ug/l	100
20) Methylene Chloride	4.50	84	152054	52.604	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135712	48.493	ug/l	96
22) Diisopropyl ether	5.90	45	564481	59.107	ug/l	96
23) Vinyl Acetate	5.84	43	2303766	291.211	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290877	53.269	ug/l	100
25) 2-Butanone	6.78	43	578733	323.498	ug/l	99
26) 2,2-Dichloropropane	6.77	77	198174	39.630	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	164681	51.165	ug/l	97
28) Bromochloromethane	7.15	49	151073	55.977	ug/l	94
29) Tetrahydrofuran	7.16	42	395172	329.348	ug/l	95
30) Chloroform	7.33	83	297031	52.170	ug/l	94
31) Cyclohexane	7.61	56	218739	45.964	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	259196	50.472	ug/l	98
36) 1,1-Dichloropropene	7.75	75	204816	47.588	ug/l	99
37) Ethyl Acetate	6.88	43	237521	55.547	ug/l	99
38) Carbon Tetrachloride	7.73	117	218384	45.250	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178610	41.614	ug/l	98
40) Benzene	8.00	78	617420	50.225	ug/l	99
41) Methacrylonitrile	7.12	41	101038	53.166	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	253538	48.316	ug/l	99
43) Isopropyl Acetate	8.13	43	411980	58.411	ug/l #	92
44) Trichloroethene	8.80	130	151569	47.057	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176056	53.029	ug/l	97
46) Dibromomethane	9.17	93	112000	48.902	ug/l	99
47) Bromodichloromethane	9.37	83	240300	50.909	ug/l	98
48) Methyl methacrylate	9.16	41	202521	58.118	ug/l	93
49) 1,4-Dioxane	9.16	88	49077	990.958	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1273573	307.695	ug/l	100
52) Toluene	10.13	92	380558	50.049	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	251987	49.803	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	266263	50.318	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	160969	52.788	ug/l	98
56) Ethyl methacrylate	10.40	69	249357	57.691	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276528	53.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	672511	290.871	ug/l	97
59) 2-Hexanone	10.72	43	925908	301.132	ug/l	99
60) Dibromochloromethane	10.87	129	184292	51.895	ug/l	98
61) 1,2-Dibromoethane	10.98	107	165830	53.163	ug/l	99
64) Tetrachloroethene	10.60	164	138459	43.852	ug/l	98
65) Chlorobenzene	11.41	112	403626	48.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	157521	49.081	ug/l	96
67) Ethyl Benzene	11.48	91	742933	48.771	ug/l	100
68) m/p-Xylenes	11.60	106	548053	96.532	ug/l	100
69) o-Xylene	11.92	106	265911	50.111	ug/l	98
70) Styrene	11.94	104	461745	51.262	ug/l	99
71) Bromoform	12.10	173	126617	51.583	ug/l #	100
73) Isopropylbenzene	12.22	105	690977	49.646	ug/l	99
74) N-amyl acetate	12.05	43	366112	56.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	236930	55.670	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	216700m	51.518	ug/l	
77) Bromobenzene	12.50	156	174620	51.131	ug/l	98
78) n-propylbenzene	12.57	91	787273	48.604	ug/l	100
79) 2-Chlorotoluene	12.65	91	495091	49.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	583283	49.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76810	52.593	ug/l	94
82) 4-Chlorotoluene	12.75	91	517130	50.005	ug/l	100
83) tert-Butylbenzene	12.97	119	467686	48.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	589968	50.607	ug/l	98
85) sec-Butylbenzene	13.14	105	604927	48.221	ug/l	100
86) p-Isopropyltoluene	13.26	119	543039	48.932	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	304597	49.300	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	306708	47.677	ug/l	98
89) n-Butylbenzene	13.59	91	468863	45.774	ug/l	99
90) Hexachloroethane	13.85	117	103474	48.116	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	302204	49.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52434	52.533	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	147754	44.597	ug/l	99
94) Hexachlorobutadiene	14.98	225	79438	47.879	ug/l	99
95) Naphthalene	15.10	128	487956	47.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152014	47.192	ug/l	100

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

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