

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064287.D
 Acq On : 23 Oct 2020 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:38:57 PM

Quant Time: Oct 23 16:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	278469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	201658	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	7.55	113	151909	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.06	98	545507	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.38	95	219330	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	171177	50.312	ug/l	98
3) Chloromethane	2.04	50	168021	52.205	ug/l	99
4) Vinyl Chloride	2.16	62	167666	52.545	ug/l	94
5) Bromomethane	2.53	94	103036	49.539	ug/l	95
6) Chloroethane	2.67	64	96525	49.692	ug/l	96
7) Trichlorofluoromethane	2.99	101	276964	52.781	ug/l	98
8) Diethyl Ether	3.37	74	90131	51.925	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143005	52.702	ug/l	99
10) Methyl Iodide	3.91	142	190176	49.286	ug/l	99
11) Tert butyl alcohol	4.72	59	133257	240.720	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134469	51.523	ug/l	99
13) Acrolein	3.56	56	108056	310.955	ug/l	99
14) Allyl chloride	4.27	41	265725	50.871	ug/l	99
15) Acrylonitrile	4.93	53	299015	261.218	ug/l	98
16) Acetone	3.77	43	357597	302.213	ug/l	99
17) Carbon Disulfide	4.01	76	374518	50.307	ug/l	96
18) Methyl Acetate	4.28	43	161071	53.420	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	461965	51.486	ug/l	94
20) Methylene Chloride	4.50	84	152347	48.284	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147388	51.213	ug/l	93
22) Diisopropyl ether	5.90	45	487035	50.156	ug/l	98
23) Vinyl Acetate	5.84	43	2257551	260.694	ug/l	100
24) 1,1-Dichloroethane	5.79	63	298075	52.988	ug/l	100
25) 2-Butanone	6.78	43	510165	271.375	ug/l	100
26) 2,2-Dichloropropane	6.77	77	284218	50.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	170312	50.816	ug/l	98
28) Bromochloromethane	7.15	49	135280	50.622	ug/l	99
29) Tetrahydrofuran	7.16	42	292481	260.093	ug/l	98
30) Chloroform	7.33	83	309123	51.517	ug/l	100
31) Cyclohexane	7.61	56	229494	46.813	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	291592	51.874	ug/l	99
36) 1,1-Dichloropropene	7.75	75	231753	51.470	ug/l	98
37) Ethyl Acetate	6.88	43	212433	51.963	ug/l	99
38) Carbon Tetrachloride	7.73	117	263451	51.425	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215661	52.674	ug/l	99
40) Benzene	8.00	78	628495	50.565	ug/l	99
41) Methacrylonitrile	7.12	41	89574	41.769	ug/l	95
42) 1,2-Dichloroethane	8.08	62	269480	50.611	ug/l	99
43) Isopropyl Acetate	8.12	43	386480	50.726	ug/l #	90
44) Trichloroethene	8.80	130	173227	51.145	ug/l	99
45) 1,2-Dichloropropane	9.08	63	168354	50.737	ug/l	98
46) Dibromomethane	9.17	93	114692	51.476	ug/l	95
47) Bromodichloromethane	9.37	83	256894	52.188	ug/l	99
48) Methyl methacrylate	9.16	41	194139	48.778	ug/l	99
49) 1,4-Dioxane	9.16	88	46114	990.250	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1069984	262.769	ug/l	99
52) Toluene	10.12	92	403131	50.689	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	284829	52.088	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	292116	50.736	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155786	51.864	ug/l	98
56) Ethyl methacrylate	10.40	69	241264	51.947	ug/l	99
57) 1,3-Dichloropropane	10.68	76	274535	52.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	616943	257.962	ug/l	99
59) 2-Hexanone	10.72	43	792793	266.594	ug/l	100
60) Dibromochloromethane	10.87	129	198213	50.975	ug/l	98
61) 1,2-Dibromoethane	10.97	107	165932	52.350	ug/l	100
64) Tetrachloroethene	10.60	164	170631	51.627	ug/l	97
65) Chlorobenzene	11.41	112	438231	51.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	175630	52.068	ug/l	98
67) Ethyl Benzene	11.48	91	808639	51.779	ug/l	98
68) m/p-Xylenes	11.59	106	605505	104.646	ug/l	98
69) o-Xylene	11.92	106	290369	51.888	ug/l	98
70) Styrene	11.94	104	493691	52.631	ug/l	100
71) Bromoform	12.10	173	137135	52.629	ug/l #	96
73) Isopropylbenzene	12.22	105	779953	50.163	ug/l	100
74) N-amyl acetate	12.04	43	341262	50.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	203577	49.339	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	222197m	51.701	ug/l	
77) Bromobenzene	12.50	156	189227	51.551	ug/l	98
78) n-propylbenzene	12.56	91	889050	50.713	ug/l	98
79) 2-Chlorotoluene	12.65	91	540289	50.176	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	662102	50.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82669	48.564	ug/l	100
82) 4-Chlorotoluene	12.75	91	579877	51.627	ug/l	98
83) tert-Butylbenzene	12.97	119	537847	49.906	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	671282	51.309	ug/l	100
85) sec-Butylbenzene	13.14	105	703992	51.815	ug/l	100
86) p-Isopropyltoluene	13.26	119	651070	52.623	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	337054	51.605	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	342833	51.283	ug/l	100
89) n-Butylbenzene	13.59	91	580909	52.378	ug/l	99
90) Hexachloroethane	13.85	117	109517	48.876	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	325871	50.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49253	47.848	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	195450	54.386	ug/l	99
94) Hexachlorobutadiene	14.98	225	100378	51.787	ug/l	98
95) Naphthalene	15.10	128	569779	52.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	181097	50.879	ug/l	98

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

