

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064365.D
 Acq On : 29 Oct 2020 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:35:27 PM

Quant Time: Oct 30 06:36:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	206079	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	7.54	113	150692	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.06	98	539688	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.37	95	207267	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	164616	51.547	ug/l	99
3) Chloromethane	2.04	50	169970	49.236	ug/l	100
4) Vinyl Chloride	2.16	62	174097	52.138	ug/l	97
5) Bromomethane	2.53	94	101288	46.944	ug/l	96
6) Chloroethane	2.67	64	102798	51.521	ug/l	98
7) Trichlorofluoromethane	2.98	101	293080	52.392	ug/l	98
8) Diethyl Ether	3.37	74	92895	52.495	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143595	51.073	ug/l	99
10) Methyl Iodide	3.91	142	166334	44.333	ug/l	99
11) Tert butyl alcohol	4.73	59	140946	217.477	ug/l	99
12) 1,1-Dichloroethene	3.70	96	136249	51.333	ug/l	93
13) Acrolein	3.56	56	32728	233.928	ug/l	97
14) Allyl chloride	4.27	41	278547	51.396	ug/l	98
15) Acrylonitrile	4.93	53	360842	258.907	ug/l	99
16) Acetone	3.77	43	427693	281.933	ug/l	98
17) Carbon Disulfide	4.01	76	396718	50.518	ug/l	98
18) Methyl Acetate	4.27	43	159834	47.658	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	536688	52.626	ug/l	97
20) Methylene Chloride	4.50	84	162899	51.449	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	154940	52.328	ug/l	95
22) Diisopropyl ether	5.90	45	565746	53.406	ug/l	96
23) Vinyl Acetate	5.84	43	2440026	272.258	ug/l	100
24) 1,1-Dichloroethane	5.79	63	301751	50.905	ug/l	99
25) 2-Butanone	6.78	43	558257	249.039	ug/l	97
26) 2,2-Dichloropropane	6.77	77	302326	52.113	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	182312	53.802	ug/l	100
28) Bromochloromethane	7.15	49	135061	47.823	ug/l	96
29) Tetrahydrofuran	7.16	42	349910	240.445	ug/l	100
30) Chloroform	7.33	83	328549	51.927	ug/l	99
31) Cyclohexane	7.61	56	215730	41.635	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	307357	50.588	ug/l	99
36) 1,1-Dichloropropene	7.75	75	237185	53.833	ug/l	99
37) Ethyl Acetate	6.88	43	231123	51.932	ug/l	99
38) Carbon Tetrachloride	7.73	117	274016	53.645	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	176923	40.498	ug/l	99
40) Benzene	8.00	78	653726	53.304	ug/l	100
41) Methacrylonitrile	7.12	41	107995	48.884	ug/l	97
42) 1,2-Dichloroethane	8.08	62	284967	53.790	ug/l	100
43) Isopropyl Acetate	8.12	43	413936	54.410	ug/l	100
44) Trichloroethene	8.80	130	180492	56.180	ug/l	99
45) 1,2-Dichloropropane	9.08	63	175199	53.347	ug/l	99
46) Dibromomethane	9.17	93	126573	55.091	ug/l	97
47) Bromodichloromethane	9.37	83	268778	52.788	ug/l	98
48) Methyl methacrylate	9.16	41	206196	52.533	ug/l	98
49) 1,4-Dioxane	9.16	88	52014	899.067	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1151042	260.285	ug/l	100
52) Toluene	10.12	92	413043	53.372	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	303941	56.456	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	308436	55.655	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	166829	54.612	ug/l	99
56) Ethyl methacrylate	10.40	69	258327	55.863	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287008	55.078	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	584531	231.643	ug/l	98
59) 2-Hexanone	10.72	43	864167	265.328	ug/l	99
60) Dibromochloromethane	10.87	129	207580	57.472	ug/l	100
61) 1,2-Dibromoethane	10.97	107	174394	56.028	ug/l	97
64) Tetrachloroethene	10.60	164	156180	48.794	ug/l	99
65) Chlorobenzene	11.40	112	449850	56.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	179591	56.278	ug/l	99
67) Ethyl Benzene	11.48	91	790353	53.844	ug/l	98
68) m/p-Xylenes	11.59	106	587021	107.914	ug/l	98
69) o-Xylene	11.92	106	284506	54.288	ug/l	95
70) Styrene	11.94	104	493078	57.384	ug/l	99
71) Bromoform	12.10	173	141603	56.538	ug/l #	98
73) Isopropylbenzene	12.22	105	691323	54.005	ug/l	99
74) N-amyl acetate	12.04	43	360822	64.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221256	59.462	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	229090m	55.971	ug/l	
77) Bromobenzene	12.50	156	191342	61.041	ug/l	97
78) n-propylbenzene	12.56	91	753525	51.993	ug/l	99
79) 2-Chlorotoluene	12.65	91	507247	54.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	555464	51.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85965	60.499	ug/l	96
82) 4-Chlorotoluene	12.75	91	537213	56.921	ug/l	98
83) tert-Butylbenzene	12.97	119	425671	47.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	573032	52.945	ug/l	99
85) sec-Butylbenzene	13.14	105	534441	46.465	ug/l	99
86) p-Isopropyltoluene	13.26	119	498658	48.123	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	309006	56.310	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	314528	56.274	ug/l	99
89) n-Butylbenzene	13.59	91	425578	46.620	ug/l	98
90) Hexachloroethane	13.85	117	95042	48.837	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	307940	56.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50901	55.130	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	146371	46.815	ug/l	96
94) Hexachlorobutadiene	14.98	225	69931	41.769	ug/l	98
95) Naphthalene	15.10	128	482022	49.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	143483	47.583	ug/l	99

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

