

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064276.D
 Acq On : 23 Oct 2020 1:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:36:44 PM

Quant Time: Oct 23 03:49:02 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	267332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207532	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.55	113	143864	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.06	98	526368	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.38	95	215659	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	165777	50.748	ug/l	99
3) Chloromethane	2.04	50	160686	52.006	ug/l	96
4) Vinyl Chloride	2.16	62	165701	54.093	ug/l	93
5) Bromomethane	2.53	94	99527	49.846	ug/l	97
6) Chloroethane	2.67	64	95320	51.116	ug/l	99
7) Trichlorofluoromethane	2.98	101	276072	54.803	ug/l	100
8) Diethyl Ether	3.37	74	85556	51.343	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	131110	50.331	ug/l	99
10) Methyl Iodide	3.91	142	187560	50.633	ug/l	98
11) Tert butyl alcohol	4.73	59	132038	248.455	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	128295	51.205	ug/l	97
13) Acrolein	3.57	56	113501	340.232	ug/l	99
14) Allyl chloride	4.27	41	257638	51.377	ug/l	99
15) Acrylonitrile	4.93	53	296778	270.065	ug/l	100
16) Acetone	3.77	43	307518	270.717	ug/l	100
17) Carbon Disulfide	4.01	76	362865	50.772	ug/l	98
18) Methyl Acetate	4.28	43	160246	55.360	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	453531	52.652	ug/l	97
20) Methylene Chloride	4.51	84	153044	50.526	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	144008	52.123	ug/l	97
22) Diisopropyl ether	5.90	45	477701	51.244	ug/l	97
23) Vinyl Acetate	5.84	43	2213870	266.300	ug/l	100
24) 1,1-Dichloroethane	5.80	63	289563	53.619	ug/l	99
25) 2-Butanone	6.78	43	481464	266.777	ug/l	99
26) 2,2-Dichloropropane	6.78	77	231695	43.096	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	172393	53.580	ug/l	93
28) Bromochloromethane	7.15	49	133015	51.848	ug/l	99
29) Tetrahydrofuran	7.16	42	293690	272.049	ug/l	99
30) Chloroform	7.33	83	303304	52.653	ug/l	100
31) Cyclohexane	7.61	56	216021	45.900	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	291828	54.079	ug/l	100
36) 1,1-Dichloropropene	7.75	75	228131	51.213	ug/l	98
37) Ethyl Acetate	6.88	43	210562	52.062	ug/l	99
38) Carbon Tetrachloride	7.73	117	261299	51.556	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	198601	49.031	ug/l	97
40) Benzene	8.00	78	627348	51.018	ug/l	100
41) Methacrylonitrile	7.13	41	109063	51.407	ug/l	91
42) 1,2-Dichloroethane	8.08	62	265416	50.386	ug/l	100
43) Isopropyl Acetate	8.13	43	381174	50.570	ug/l #	90
44) Trichloroethene	8.80	130	172031	51.340	ug/l	98
45) 1,2-Dichloropropane	9.08	63	165004	50.265	ug/l	98
46) Dibromomethane	9.17	93	114813	52.087	ug/l	96
47) Bromodichloromethane	9.37	83	251016	51.545	ug/l	98
48) Methyl methacrylate	9.16	41	194941	49.509	ug/l	99
49) 1,4-Dioxane	9.17	88	42930	931.836	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1074242	266.664	ug/l	100
52) Toluene	10.12	92	394097	50.088	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	272091	50.296	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	280316	49.213	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	156148	52.547	ug/l	98
56) Ethyl methacrylate	10.40	69	242056	52.680	ug/l	99
57) 1,3-Dichloropropane	10.68	76	273224	52.933	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	598470	252.941	ug/l	99
59) 2-Hexanone	10.72	43	774930	263.402	ug/l	100
60) Dibromochloromethane	10.87	129	190773	49.591	ug/l	100
61) 1,2-Dibromoethane	10.98	107	165518	52.784	ug/l	99
64) Tetrachloroethene	10.60	164	168628	50.839	ug/l	99
65) Chlorobenzene	11.41	112	426614	50.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	171674	50.713	ug/l	98
67) Ethyl Benzene	11.48	91	797392	50.877	ug/l	99
68) m/p-Xylenes	11.59	106	595047	102.472	ug/l	97
69) o-Xylene	11.92	106	286576	51.027	ug/l	98
70) Styrene	11.94	104	478257	50.804	ug/l	98
71) Bromoform	12.10	173	136260	52.106	ug/l #	96
73) Isopropylbenzene	12.22	105	760158	50.034	ug/l	99
74) N-amyl acetate	12.04	43	336645	51.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	204918	50.827	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	216644m	51.589	ug/l	
77) Bromobenzene	12.50	156	185832	51.812	ug/l	99
78) n-propylbenzene	12.56	91	864908	50.492	ug/l	100
79) 2-Chlorotoluene	12.65	91	533920	50.746	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	642457	50.020	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	77884	46.825	ug/l	95
82) 4-Chlorotoluene	12.75	91	564934	51.475	ug/l	100
83) tert-Butylbenzene	12.97	119	523978	49.758	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	643723	50.355	ug/l	98
85) sec-Butylbenzene	13.14	105	674811	50.830	ug/l	99
86) p-Isopropyltoluene	13.26	119	619971	51.283	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	324843	50.901	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	327539	50.143	ug/l	100
89) n-Butylbenzene	13.59	91	533285	49.210	ug/l	99
90) Hexachloroethane	13.85	117	104388	47.678	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	321341	51.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52439	52.136	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	177493	50.546	ug/l	100
94) Hexachlorobutadiene	14.98	225	88502	46.729	ug/l	98
95) Naphthalene	15.10	128	531351	50.528	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	169503	48.737	ug/l	99

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

