

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064387.D
 Acq On : 29 Oct 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:35:44 PM

Quant Time: Oct 30 08:12:35 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	267567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	196547	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.55	113	137836	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.06	98	493613	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.37	95	192840	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140915	45.816	ug/l	99
3) Chloromethane	2.04	50	148906	44.787	ug/l	100
4) Vinyl Chloride	2.16	62	150283	46.731	ug/l	97
5) Bromomethane	2.52	94	82540	39.721	ug/l	91
6) Chloroethane	2.67	64	91551	47.642	ug/l	95
7) Trichlorofluoromethane	2.98	101	254828	47.300	ug/l	98
8) Diethyl Ether	3.38	74	82952	48.672	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122845	45.367	ug/l	99
10) Methyl Iodide	3.91	142	150641	41.689	ug/l	100
11) Tert butyl alcohol	4.73	59	125862	201.644	ug/l	100
12) 1,1-Dichloroethene	3.70	96	121519	47.537	ug/l	99
13) Acrolein	3.57	56	37646	275.954	ug/l	92
14) Allyl chloride	4.27	41	236694	45.347	ug/l	99
15) Acrylonitrile	4.93	53	325732	242.670	ug/l	99
16) Acetone	3.77	43	309184	209.734	ug/l	98
17) Carbon Disulfide	4.01	76	325399	43.024	ug/l	99
18) Methyl Acetate	4.28	43	155542	48.156	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	481787	49.053	ug/l	99
20) Methylene Chloride	4.50	84	144675	47.444	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	132491	46.461	ug/l	89
22) Diisopropyl ether	5.90	45	491781	48.203	ug/l	98
23) Vinyl Acetate	5.84	43	2153834	249.533	ug/l	99
24) 1,1-Dichloroethane	5.80	63	268136	46.968	ug/l	99
25) 2-Butanone	6.78	43	484367	224.356	ug/l	97
26) 2,2-Dichloropropane	6.78	77	232221	41.562	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	155541	47.660	ug/l	99
28) Bromochloromethane	7.15	49	127525	46.884	ug/l	99
29) Tetrahydrofuran	7.16	42	323303	230.674	ug/l	99
30) Chloroform	7.33	83	285622	46.872	ug/l	100
31) Cyclohexane	7.61	56	209993	42.080	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	270570	46.239	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201783	44.292	ug/l	98
37) Ethyl Acetate	6.88	43	201387	43.763	ug/l	98
38) Carbon Tetrachloride	7.73	117	242933	45.996	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178904	39.605	ug/l	94
40) Benzene	8.00	78	572187	45.122	ug/l	100
41) Methacrylonitrile	7.12	41	98424	43.087	ug/l	97
42) 1,2-Dichloroethane	8.08	62	253191	46.221	ug/l	99
43) Isopropyl Acetate	8.13	43	376072	47.808	ug/l #	90
44) Trichloroethene	8.80	130	156885	47.227	ug/l	99
45) 1,2-Dichloropropane	9.08	63	154963	45.634	ug/l	96
46) Dibromomethane	9.17	93	111379	46.884	ug/l	98
47) Bromodichloromethane	9.37	83	236563	44.933	ug/l	96
48) Methyl methacrylate	9.16	41	191516	47.189	ug/l	97
49) 1,4-Dioxane	9.16	88	45342	757.975	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1064852	232.879	ug/l	100
52) Toluene	10.12	92	367861	45.971	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	260243	46.750	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	264465	46.152	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146540	46.393	ug/l	98
56) Ethyl methacrylate	10.40	69	231895	48.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	254978	47.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	554452	212.500	ug/l	100
59) 2-Hexanone	10.72	43	768537	228.209	ug/l	99
60) Dibromochloromethane	10.87	129	178303	47.743	ug/l	97
61) 1,2-Dibromoethane	10.97	107	157378	48.899	ug/l	98
64) Tetrachloroethene	10.60	164	142628	41.451	ug/l	98
65) Chlorobenzene	11.41	112	398257	46.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	157335	45.864	ug/l	99
67) Ethyl Benzene	11.48	91	726926	46.068	ug/l	97
68) m/p-Xylenes	11.59	106	531264	90.851	ug/l	99
69) o-Xylene	11.92	106	259670	46.092	ug/l	97
70) Styrene	11.94	104	438516	47.474	ug/l	99
71) Bromoform	12.10	173	125097	46.463	ug/l #	97
73) Isopropylbenzene	12.22	105	671834	45.567	ug/l	98
74) N-amyl acetate	12.04	43	328370	50.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	207169	48.340	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	197661m	41.930	ug/l	
77) Bromobenzene	12.50	156	170106	47.116	ug/l	98
78) n-propylbenzene	12.56	91	738376	44.235	ug/l	99
79) 2-Chlorotoluene	12.65	91	483784	45.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	551650	44.219	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	73448	44.880	ug/l	96
82) 4-Chlorotoluene	12.75	91	497891	45.804	ug/l	99
83) tert-Butylbenzene	12.97	119	439667	42.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	568123	45.575	ug/l	99
85) sec-Butylbenzene	13.14	105	571116	43.111	ug/l	98
86) p-Isopropyltoluene	13.26	119	520758	43.634	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	284152	44.958	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	291438	45.273	ug/l	99
89) n-Butylbenzene	13.59	91	429248	40.826	ug/l	100
90) Hexachloroethane	13.85	117	94446	42.137	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	287096	45.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49912	46.936	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	144404	40.390	ug/l	97
94) Hexachlorobutadiene	14.98	225	75006	38.897	ug/l	98
95) Naphthalene	15.10	128	454271	41.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	140652	40.824	ug/l	97

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

