

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064320.D
 Acq On : 27 Oct 2020 11:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:35:28 PM

Quant Time: Oct 27 11:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194641	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	7.55	113	135979	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	492535	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.38	95	196689	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	150537	54.525	ug/l	100
3) Chloromethane	2.04	50	153640	52.576	ug/l	100
4) Vinyl Chloride	2.16	62	156628	53.657	ug/l	100
5) Bromomethane	2.52	94	99441	52.092	ug/l	100
6) Chloroethane	2.67	64	89692	50.724	ug/l	100
7) Trichlorofluoromethane	2.98	101	258526	53.819	ug/l	100
8) Diethyl Ether	3.37	74	83465	52.591	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	128792	51.958	ug/l	100
10) Methyl Iodide	3.91	142	178683	50.988	ug/l	100
11) Tert butyl alcohol	4.73	59	152596	290.103	ug/l	100
12) 1,1-Dichloroethene	3.69	96	124017	51.990	ug/l	100
13) Acrolein	3.56	56	28871	102.777	ug/l	100
14) Allyl chloride	4.28	41	248058	52.059	ug/l	100
15) Acrylonitrile	4.93	53	342243	313.136	ug/l	100
16) Acetone	3.77	43	365250	320.642	ug/l	100
17) Carbon Disulfide	4.01	76	356799	52.487	ug/l	100
18) Methyl Acetate	4.28	43	155463	55.196	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	481409	57.422	ug/l	100
20) Methylene Chloride	4.50	84	145860	50.414	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	134883	51.348	ug/l	100
22) Diisopropyl ether	5.90	45	492760	54.634	ug/l	100
23) Vinyl Acetate	5.84	43	2213938	276.794	ug/l	100
24) 1,1-Dichloroethane	5.80	63	275533	53.303	ug/l	100
25) 2-Butanone	6.78	43	532711	299.352	ug/l	100
26) 2,2-Dichloropropane	6.78	77	268340	52.199	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	159188	51.777	ug/l	100
28) Bromochloromethane	7.15	49	127935	52.022	ug/l	100
29) Tetrahydrofuran	7.17	42	346437	320.859	ug/l	100
30) Chloroform	7.33	83	289902	52.523	ug/l	100
31) Cyclohexane	7.61	56	231791	50.874	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	278480	53.912	ug/l	100
36) 1,1-Dichloropropene	7.75	75	212337	50.948	ug/l	100
37) Ethyl Acetate	6.88	43	219603	56.777	ug/l	100
38) Carbon Tetrachloride	7.73	117	253799	53.228	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210468	54.990	ug/l	100
40) Benzene	8.00	78	588234	51.098	ug/l	100
41) Methacrylonitrile	7.12	41	100645	49.767	ug/l	100
42) 1,2-Dichloroethane	8.08	62	260686	52.500	ug/l	100
43) Isopropyl Acetate	8.13	43	377865	53.077	ug/l	100
44) Trichloroethene	8.80	130	161275	51.344	ug/l	100
45) 1,2-Dichloropropane	9.08	63	159024	51.843	ug/l	100
46) Dibromomethane	9.17	93	114796	55.282	ug/l	100
47) Bromodichloromethane	9.37	83	244621	53.513	ug/l	100
48) Methyl methacrylate	9.16	41	189122	51.136	ug/l	100
49) 1,4-Dioxane	9.16	88	56664	1247.019	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1107396	287.666	ug/l	100
52) Toluene	10.13	92	375603	51.114	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265177	52.469	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	278776	52.212	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	148757	53.339	ug/l	100
56) Ethyl methacrylate	10.40	69	232275	53.820	ug/l	100
57) 1,3-Dichloropropane	10.68	76	260619	53.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	583069	263.273	ug/l	100
59) 2-Hexanone	10.72	43	832871	295.239	ug/l	100
60) Dibromochloromethane	10.87	129	186419	51.688	ug/l	100
61) 1,2-Dibromoethane	10.98	107	160176	54.282	ug/l	100
64) Tetrachloroethene	10.60	164	157831	51.061	ug/l	100
65) Chlorobenzene	11.41	112	397749	50.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	159537	50.926	ug/l	100
67) Ethyl Benzene	11.48	91	749532	51.579	ug/l	100
68) m/p-Xylenes	11.59	106	552015	102.447	ug/l	100
69) o-Xylene	11.92	106	262517	50.715	ug/l	100
70) Styrene	11.94	104	457052	52.445	ug/l	100
71) Bromoform	12.10	173	128742	53.076	ug/l #	100
73) Isopropylbenzene	12.22	105	708473	50.104	ug/l	100
74) N-amyl acetate	12.04	43	328561	53.396	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	200818	52.798	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	222719m	54.979	ug/l	
77) Bromobenzene	12.50	156	174001	51.732	ug/l	100
78) n-propylbenzene	12.57	91	822421	51.408	ug/l	100
79) 2-Chlorotoluene	12.65	91	505684	51.444	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	607242	50.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82751	52.691	ug/l	100
82) 4-Chlorotoluene	12.75	91	528202	51.558	ug/l	100
83) tert-Butylbenzene	12.97	119	491054	50.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	617795	51.753	ug/l	100
85) sec-Butylbenzene	13.14	105	630510	51.017	ug/l	100
86) p-Isopropyltoluene	13.26	119	582151	51.660	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	305399	51.252	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	303907	49.945	ug/l	100
89) n-Butylbenzene	13.59	91	501434	49.990	ug/l	100
90) Hexachloroethane	13.85	117	112362	54.077	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	296210	50.777	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53010	55.507	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	167597	51.614	ug/l	100
94) Hexachlorobutadiene	14.98	225	85379	48.541	ug/l	100
95) Naphthalene	15.10	128	506113	51.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	161418	50.183	ug/l	100

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

