

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061153.D
 Acq On : 27 Apr 2020 17:12
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:39 PM

Quant Time: Apr 28 02:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	114773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	203037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	194558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	87592	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.55	113	58145	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.06	98	237606	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.38	95	89209	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65262	59.774	ug/l	100
3) Chloromethane	2.03	50	75488	56.709	ug/l	100
4) Vinyl Chloride	2.16	62	87049	54.394	ug/l	100
5) Bromomethane	2.53	94	42002	53.968	ug/l	100
6) Chloroethane	2.67	64	54311	62.179	ug/l	100
7) Trichlorofluoromethane	2.98	101	95038	55.153	ug/l	100
8) Diethyl Ether	3.37	74	41349	52.456	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	60936	53.644	ug/l	100
10) Methyl Iodide	3.91	142	78816	48.971	ug/l	100
11) Tert butyl alcohol	4.73	59	59630	294.721	ug/l	100
12) 1,1-Dichloroethene	3.70	96	60888	52.495	ug/l	100
13) Acrolein	3.56	56	38807	257.626	ug/l	100
14) Allyl chloride	4.27	41	121424	64.639	ug/l	100
15) Acrylonitrile	4.93	53	192932	306.674	ug/l	100
16) Acetone	3.77	43	170866	225.808	ug/l	100
17) Carbon Disulfide	4.01	76	172515	50.415	ug/l	100
18) Methyl Acetate	4.27	43	108482	52.948	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	230692	55.728	ug/l	100
20) Methylene Chloride	4.50	84	71007	52.720	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	67514	48.852	ug/l	100
22) Diisopropyl ether	5.90	45	263446	60.435	ug/l	100
23) Vinyl Acetate	5.84	43	1086846	310.774	ug/l	100
24) 1,1-Dichloroethane	5.80	63	136855	57.528	ug/l	100
25) 2-Butanone	6.78	43	276770	319.206	ug/l	100
26) 2,2-Dichloropropane	6.77	77	108034	51.478	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	77649	50.495	ug/l	100
28) Bromochloromethane	7.15	49	60854	58.982	ug/l	100
29) Tetrahydrofuran	7.16	42	187342	314.049	ug/l	100
30) Chloroform	7.33	83	137784	57.301	ug/l	100
31) Cyclohexane	7.61	56	127438	53.389	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	121011	56.448	ug/l	100
36) 1,1-Dichloropropene	7.75	75	102693	51.577	ug/l	100
37) Ethyl Acetate	6.88	43	119459	58.406	ug/l	100
38) Carbon Tetrachloride	7.73	117	88092	50.939	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	116178	48.411	ug/l	100
40) Benzene	8.00	78	299897	50.954	ug/l	100
41) Methacrylonitrile	7.13	41	47408m	50.596	ug/l	
42) 1,2-Dichloroethane	8.08	62	115385	54.236	ug/l	100
43) Isopropyl Acetate	8.12	43	198400	57.282	ug/l	100
44) Trichloroethene	8.80	130	80490	47.568	ug/l	100
45) 1,2-Dichloropropane	9.08	63	80913	51.712	ug/l	100
46) Dibromomethane	9.17	93	51766	51.920	ug/l	100
47) Bromodichloromethane	9.37	83	108559	54.748	ug/l	100
48) Methyl methacrylate	9.17	41	91935	56.633	ug/l	100
49) 1,4-Dioxane	9.17	88	18632	784.429	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	606029	298.724	ug/l	100
52) Toluene	10.12	92	186993	50.840	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	122401	50.871	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	127573	51.109	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	72724	51.284	ug/l	100
56) Ethyl methacrylate	10.40	69	118948	54.768	ug/l	100
57) 1,3-Dichloropropane	10.68	76	131348	53.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	299828	267.606	ug/l	100
59) 2-Hexanone	10.72	43	446697	298.393	ug/l	100
60) Dibromochloromethane	10.87	129	77408	52.220	ug/l	100
61) 1,2-Dibromoethane	10.98	107	75372	51.673	ug/l	100
64) Tetrachloroethene	10.60	164	83036	42.812	ug/l	100
65) Chlorobenzene	11.41	112	191974	48.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	70103	50.378	ug/l	100
67) Ethyl Benzene	11.48	91	368319	50.205	ug/l	100
68) m/p-Xylenes	11.60	106	272102	99.606	ug/l	100
69) o-Xylene	11.92	106	129983	49.310	ug/l	100
70) Styrene	11.94	104	222486	51.931	ug/l	100
71) Bromoform	12.10	173	53311	51.085	ug/l #	100
73) Isopropylbenzene	12.22	105	353305	49.076	ug/l	100
74) N-amyl acetate	12.04	43	181296	54.914	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	108740	55.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	98811m	45.584	ug/l	
77) Bromobenzene	12.50	156	81044	46.660	ug/l	100
78) n-propylbenzene	12.56	91	424106	50.102	ug/l	100
79) 2-Chlorotoluene	12.65	91	244542	49.719	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	298048	49.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	39478	47.740	ug/l	100
82) 4-Chlorotoluene	12.75	91	258798	49.519	ug/l	100
83) tert-Butylbenzene	12.97	119	250742	49.330	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	303187	50.077	ug/l	100
85) sec-Butylbenzene	13.15	105	344351	49.905	ug/l	100
86) p-Isopropyltoluene	13.26	119	309599	49.493	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	150666	48.576	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	150166	47.791	ug/l	100
89) n-Butylbenzene	13.59	91	286411	50.156	ug/l	100
90) Hexachloroethane	13.85	117	27607	54.685	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	143812	49.746	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24287	56.563	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	89369	46.619	ug/l	100
94) Hexachlorobutadiene	14.98	225	37036	44.599	ug/l	100
95) Naphthalene	15.10	128	295636	49.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	87055	47.163	ug/l	100

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

