

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062925.D
 Acq On : 13 Aug 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:49:43 PM

Quant Time: Aug 14 06:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	155521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113661	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	7.55	113	77168	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
50) Toluene-d8	10.06	98	326792	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.38	95	123599	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	93572	42.017	ug/l	100
3) Chloromethane	2.03	50	81991	39.015	ug/l	100
4) Vinyl Chloride	2.16	62	84023	42.628	ug/l	97
5) Bromomethane	2.50	94	76828	58.880	ug/l	98
6) Chloroethane	2.65	64	86994	67.087	ug/l	96
7) Trichlorofluoromethane	2.97	101	170633	48.547	ug/l	100
8) Diethyl Ether	3.37	74	42324	42.064	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63536	44.729	ug/l	98
10) Methyl Iodide	3.91	142	80741	47.395	ug/l	99
11) Tert butyl alcohol	4.74	59	86409	204.995	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58282	43.861	ug/l	97
13) Acrolein	3.56	56	67912	266.097	ug/l	99
14) Allyl chloride	4.27	41	101685	37.345	ug/l	99
15) Acrylonitrile	4.93	53	208156	212.912	ug/l	99
16) Acetone	3.78	43	179650	193.318	ug/l	99
17) Carbon Disulfide	4.00	76	147023	38.892	ug/l	99
18) Methyl Acetate	4.28	43	97900	44.415	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	271049	44.984	ug/l	96
20) Methylene Chloride	4.50	84	76781	45.073	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	63406	40.741	ug/l	98
22) Diisopropyl ether	5.90	45	246011	42.442	ug/l	96
23) Vinyl Acetate	5.84	43	865877	196.396	ug/l	97
24) 1,1-Dichloroethane	5.80	63	139721	41.133	ug/l	100
25) 2-Butanone	6.79	43	272417	206.977	ug/l	98
26) 2,2-Dichloropropane	6.77	77	106928	34.150	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	79422	42.541	ug/l	95
28) Bromochloromethane	7.15	49	68779	41.954	ug/l	95
29) Tetrahydrofuran	7.17	42	178671	208.954	ug/l	96
30) Chloroform	7.33	83	155701	43.131	ug/l	99
31) Cyclohexane	7.61	56	121604	38.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	139496	43.221	ug/l	98
36) 1,1-Dichloropropene	7.75	75	100722	40.977	ug/l	98
37) Ethyl Acetate	6.88	43	101141	39.391	ug/l	99
38) Carbon Tetrachloride	7.73	117	123820	42.593	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119693	40.463	ug/l	96
40) Benzene	8.00	78	300809	41.011	ug/l	100
41) Methacrylonitrile	7.12	41	47742m	41.206	ug/l	
42) 1,2-Dichloroethane	8.09	62	132650	42.491	ug/l	98
43) Isopropyl Acetate	8.13	43	170970	39.921	ug/l	98
44) Trichloroethene	8.80	130	74509	41.695	ug/l	96
45) 1,2-Dichloropropane	9.09	63	82597	41.607	ug/l	97
46) Dibromomethane	9.18	93	56113	43.141	ug/l	95
47) Bromodichloromethane	9.37	83	131198	44.911	ug/l	97
48) Methyl methacrylate	9.17	41	85000	40.351	ug/l	95
49) 1,4-Dioxane	9.17	88	34502	883.928	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	678464	244.846	ug/l	99
52) Toluene	10.13	92	215498	47.585	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	148533	46.224	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	139137	43.126	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	94581	48.900	ug/l	96
56) Ethyl methacrylate	10.40	69	147351	50.614	ug/l	98
57) 1,3-Dichloropropane	10.68	76	162848	49.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	161863	196.695	ug/l	97
59) 2-Hexanone	10.72	43	509213	246.354	ug/l	99
60) Dibromochloromethane	10.88	129	108340	49.085	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93395	48.935	ug/l	99
64) Tetrachloroethene	10.60	164	71592	41.887	ug/l	97
65) Chlorobenzene	11.41	112	236733	42.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	97938	44.043	ug/l	97
67) Ethyl Benzene	11.48	91	432047	43.601	ug/l	98
68) m/p-Xylenes	11.60	106	321721	89.441	ug/l	97
69) o-Xylene	11.92	106	156742	46.499	ug/l	95
70) Styrene	11.94	104	274806	46.379	ug/l	98
71) Bromoform	12.10	173	77568	42.634	ug/l #	99
73) Isopropylbenzene	12.22	105	430133	44.045	ug/l	100
74) N-amyl acetate	12.05	43	178822	45.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	145598	42.352	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	132837m	37.979	ug/l	
77) Bromobenzene	12.50	156	103698	42.736	ug/l	94
78) n-propylbenzene	12.57	91	498868	43.518	ug/l	99
79) 2-Chlorotoluene	12.65	91	305014	42.430	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	386471	45.616	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46710	40.768	ug/l	98
82) 4-Chlorotoluene	12.75	91	326300	44.046	ug/l	100
83) tert-Butylbenzene	12.97	119	323995	45.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	381909	47.119	ug/l	100
85) sec-Butylbenzene	13.15	105	420684	44.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	377728	45.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	187288	43.206	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	183496	42.205	ug/l	99
89) n-Butylbenzene	13.59	91	296142	41.902	ug/l	100
90) Hexachloroethane	13.85	117	72210	40.089	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	179221	44.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30598	41.458	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	76687	36.123	ug/l	99
94) Hexachlorobutadiene	14.98	225	53913	41.897	ug/l	99
95) Naphthalene	15.10	128	205560	35.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	78494	37.229	ug/l	99

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

