

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061942.D
 Acq On : 19 Jun 2020 9:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:02:10 PM

Quant Time: Jun 19 12:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	101316	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.55	113	86051	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.06	98	330411	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	114755	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	101891	51.872	ug/l	99
3) Chloromethane	2.03	50	108241	51.666	ug/l	96
4) Vinyl Chloride	2.16	62	136959	54.838	ug/l	98
5) Bromomethane	2.52	94	90078	46.967	ug/l	100
6) Chloroethane	2.67	64	89968	53.227	ug/l	99
7) Trichlorofluoromethane	2.98	101	162491	54.468	ug/l	96
8) Diethyl Ether	3.37	74	55192	55.031	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79403	51.881	ug/l	99
10) Methyl Iodide	3.91	142	105494	56.356	ug/l	99
11) Tert butyl alcohol	4.73	59	72487	258.781	ug/l	98
12) 1,1-Dichloroethene	3.70	96	83316	54.330	ug/l	95
13) Acrolein	3.57	56	42127	251.634	ug/l	100
14) Allyl chloride	4.27	41	103929	51.063	ug/l	99
15) Acrylonitrile	4.93	53	199074	286.823	ug/l	99
16) Acetone	3.77	43	155907	260.752	ug/l	99
17) Carbon Disulfide	4.01	76	227135	50.619	ug/l	99
18) Methyl Acetate	4.27	43	95408	55.424	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	275965	54.047	ug/l	99
20) Methylene Chloride	4.50	84	98192	50.407	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	92693	52.624	ug/l	99
22) Diisopropyl ether	5.90	45	248756	53.440	ug/l	98
23) Vinyl Acetate	5.84	43	998871	272.834	ug/l	100
24) 1,1-Dichloroethane	5.80	63	161795	53.097	ug/l	99
25) 2-Butanone	6.78	43	239612	274.672	ug/l	97
26) 2,2-Dichloropropane	6.78	77	86028	33.557	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	107702	52.992	ug/l	96
28) Bromochloromethane	7.15	49	71269	52.529	ug/l	98
29) Tetrahydrofuran	7.17	42	159103	277.132	ug/l	99
30) Chloroform	7.33	83	171431	52.641	ug/l	100
31) Cyclohexane	7.61	56	129276	48.463	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	146148	52.695	ug/l	100
36) 1,1-Dichloropropene	7.75	75	123923	49.760	ug/l	99
37) Ethyl Acetate	6.88	43	103312	53.124	ug/l	99
38) Carbon Tetrachloride	7.73	117	126261	51.197	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	130815	48.782	ug/l	100
40) Benzene	8.00	78	388426	51.488	ug/l	99
41) Methacrylonitrile	7.13	41	44342m	53.321	ug/l	
42) 1,2-Dichloroethane	8.08	62	131577	51.152	ug/l	99
43) Isopropyl Acetate	8.13	43	172010	52.484	ug/l #	91
44) Trichloroethene	8.80	130	100921	50.832	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96722	52.171	ug/l	100
46) Dibromomethane	9.17	93	67890	52.002	ug/l	99
47) Bromodichloromethane	9.37	83	137396	51.396	ug/l	100
48) Methyl methacrylate	9.17	41	80054	53.712	ug/l	97
49) 1,4-Dioxane	9.17	88	37113	1084.590	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	518992	267.976	ug/l	99
52) Toluene	10.12	92	250644	52.903	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	138672	48.865	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	151181	49.047	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	98933	53.073	ug/l	99
56) Ethyl methacrylate	10.40	69	137742	48.470	ug/l	100
57) 1,3-Dichloropropane	10.68	76	165677	52.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	248667	252.760	ug/l	99
59) 2-Hexanone	10.72	43	379584	245.577	ug/l	100
60) Dibromochloromethane	10.87	129	110827	53.281	ug/l	99
61) 1,2-Dibromoethane	10.98	107	102979	52.905	ug/l	99
64) Tetrachloroethene	10.60	164	83617	51.218	ug/l	96
65) Chlorobenzene	11.41	112	271089	50.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98673	52.346	ug/l	99
67) Ethyl Benzene	11.48	91	473257	52.225	ug/l	100
68) m/p-Xylenes	11.60	106	365991	104.740	ug/l	99
69) o-Xylene	11.92	106	176823	53.035	ug/l	98
70) Styrene	11.94	104	304513	54.547	ug/l	99
71) Bromoform	12.10	173	73332	53.354	ug/l #	100
73) Isopropylbenzene	12.22	105	459971	51.555	ug/l	100
74) N-amyl acetate	12.05	43	156615	48.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	148207	51.093	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	130133m	52.794	ug/l	
77) Bromobenzene	12.50	156	114448	50.846	ug/l	98
78) n-propylbenzene	12.57	91	521068	51.184	ug/l	99
79) 2-Chlorotoluene	12.65	91	311775	50.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	384451	52.085	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	42036	46.513	ug/l	99
82) 4-Chlorotoluene	12.75	91	324041	51.290	ug/l	99
83) tert-Butylbenzene	12.97	119	319493	51.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	392966	53.932	ug/l	99
85) sec-Butylbenzene	13.15	105	423119	51.660	ug/l	100
86) p-Isopropyltoluene	13.26	119	386213	52.917	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205742	50.117	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205071	48.801	ug/l	99
89) n-Butylbenzene	13.59	91	306792	50.333	ug/l	98
90) Hexachloroethane	13.85	117	72183	54.030	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	204970	51.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25636	54.439	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	93250	50.002	ug/l	100
94) Hexachlorobutadiene	14.98	225	35463	48.281	ug/l	99
95) Naphthalene	15.10	128	281818	45.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97590	52.838	ug/l	98

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

