

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061620\
 Data File : VN061834.D
 Acq On : 16 Jun 2020 18:37
 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
 6/17/2020 3:44:58 PM

Quant Time: Jun 17 01:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 00:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102594	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.55	113	86089	58.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.42%	
50) Toluene-d8	10.06	98	335782	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.38	95	116452	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106701	61.689	ug/l	100
3) Chloromethane	2.03	50	115814	57.512	ug/l	100
4) Vinyl Chloride	2.16	62	140639	52.118	ug/l	100
5) Bromomethane	2.53	94	98853	61.028	ug/l	100
6) Chloroethane	2.67	64	92746	52.923	ug/l	100
7) Trichlorofluoromethane	2.98	101	164738	47.966	ug/l	100
8) Diethyl Ether	3.37	74	55091	51.268	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81812	52.376	ug/l	100
10) Methyl Iodide	3.91	142	94482	45.294	ug/l	100
11) Tert butyl alcohol	4.73	59	72376	275.894	ug/l	100
12) 1,1-Dichloroethene	3.70	96	82987	50.005	ug/l	100
13) Acrolein	3.57	56	41925	359.835	ug/l	100
14) Allyl chloride	4.27	41	110609	50.991	ug/l	100
15) Acrylonitrile	4.93	53	190185	264.772	ug/l	100
16) Acetone	3.77	43	146435	213.703	ug/l	100
17) Carbon Disulfide	4.01	76	244228	63.386	ug/l	100
18) Methyl Acetate	4.27	43	90030	51.386	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	275793	49.113	ug/l	100
20) Methylene Chloride	4.50	84	97171	40.878	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	94740	50.472	ug/l	100
22) Diisopropyl ether	5.90	45	245365	51.464	ug/l	100
23) Vinyl Acetate	5.84	43	991809	261.393	ug/l	100
24) 1,1-Dichloroethane	5.80	63	159754	52.484	ug/l	100
25) 2-Butanone	6.78	43	233660	255.270	ug/l	100
26) 2,2-Dichloropropane	6.77	77	132437	48.005	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	108181	51.231	ug/l	100
28) Bromochloromethane	7.15	49	67960	51.103	ug/l	100
29) Tetrahydrofuran	7.17	42	153981	255.678	ug/l	100
30) Chloroform	7.33	83	170085	50.881	ug/l	100
31) Cyclohexane	7.61	56	135907	50.048	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	146393	48.509	ug/l	100
36) 1,1-Dichloropropene	7.75	75	128884	51.824	ug/l	100
37) Ethyl Acetate	6.88	43	101734	51.317	ug/l	100
38) Carbon Tetrachloride	7.73	117	126322	52.743	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	144585	47.962	ug/l	100
40) Benzene	8.00	78	385491	50.366	ug/l	100
41) Methacrylonitrile	7.13	41	39874m	43.915	ug/l	
42) 1,2-Dichloroethane	8.09	62	131853	51.246	ug/l	100
43) Isopropyl Acetate	8.12	43	171498	48.225	ug/l	100
44) Trichloroethene	8.80	130	100399	44.029	ug/l	100
45) 1,2-Dichloropropane	9.09	63	96206	52.596	ug/l	100
46) Dibromomethane	9.18	93	67856	48.971	ug/l	100
47) Bromodichloromethane	9.37	83	137413	50.049	ug/l	100
48) Methyl methacrylate	9.17	41	76625	47.716	ug/l	100
49) 1,4-Dioxane	9.17	88	35584	1318.084	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	507478	252.219	ug/l	100
52) Toluene	10.12	92	252118	50.641	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	147941	50.063	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	160741	50.375	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	97256	49.137	ug/l	100
56) Ethyl methacrylate	10.40	69	135951	49.557	ug/l	100
57) 1,3-Dichloropropane	10.68	76	163470	51.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	256737	222.584	ug/l	100
59) 2-Hexanone	10.72	43	365788	253.117	ug/l	100
60) Dibromochloromethane	10.87	129	107919	48.487	ug/l	100
61) 1,2-Dibromoethane	10.98	107	101129	49.199	ug/l	100
64) Tetrachloroethene	10.60	164	83639	35.888	ug/l	100
65) Chlorobenzene	11.41	112	267928	49.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97802	48.643	ug/l	100
67) Ethyl Benzene	11.48	91	474810	50.468	ug/l	100
68) m/p-Xylenes	11.59	106	369911	99.511	ug/l	100
69) o-Xylene	11.92	106	178408	50.468	ug/l	100
70) Styrene	11.94	104	304204	51.909	ug/l	100
71) Bromoform	12.10	173	72935	47.601	ug/l #	100
73) Isopropylbenzene	12.22	105	466265	49.236	ug/l	100
74) N-amyl acetate	12.05	43	153193	51.314	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	140738	52.226	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	117751m	49.649	ug/l	
77) Bromobenzene	12.50	156	113474	47.386	ug/l	100
78) n-propylbenzene	12.56	91	528810	49.912	ug/l	100
79) 2-Chlorotoluene	12.65	91	310622	49.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	391374	49.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45811	49.729	ug/l	100
82) 4-Chlorotoluene	12.75	91	325510	49.069	ug/l	100
83) tert-Butylbenzene	12.97	119	329188	47.370	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	394540	50.251	ug/l	100
85) sec-Butylbenzene	13.15	105	430430	48.046	ug/l	100
86) p-Isopropyltoluene	13.26	119	394868	47.997	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	210713	49.338	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	211192	48.598	ug/l	100
89) n-Butylbenzene	13.59	91	323592	47.099	ug/l	100
90) Hexachloroethane	13.85	117	69619	69.663	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	205779	50.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	24762	46.210	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	99388	42.982	ug/l	100
94) Hexachlorobutadiene	14.98	225	38259	38.906	ug/l	100
95) Naphthalene	15.10	128	291945	41.998	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	98644	43.379	ug/l	100

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

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