

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062065.D
 Acq On : 24 Jun 2020 16:09
 Operator : JC/MD
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:23 PM

Quant Time: Jun 25 04:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	175308	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	142834	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.06	98	551284	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	181896	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51395	18.261	ug/l	97
3) Chloromethane	2.03	50	69732	20.249	ug/l	100
4) Vinyl Chloride	2.16	62	80991	18.273	ug/l	99
5) Bromomethane	2.53	94	54183	18.915	ug/l	99
6) Chloroethane	2.67	64	55080	18.191	ug/l	100
7) Trichlorofluoromethane	2.98	101	97298	17.815	ug/l	100
8) Diethyl Ether	3.37	74	35732	18.736	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53005	18.533	ug/l #	87
10) Methyl Iodide	3.91	142	55646	17.276	ug/l	100
11) Tert butyl alcohol	4.73	59	47928	95.529	ug/l	99
12) 1,1-Dichloroethene	3.70	96	53089	18.568	ug/l	99
13) Acrolein	3.57	56	43787	89.142	ug/l	98
14) Allyl chloride	4.27	41	71399	18.342	ug/l	98
15) Acrylonitrile	4.93	53	123981	90.684	ug/l	99
16) Acetone	3.78	43	112335	99.987	ug/l	97
17) Carbon Disulfide	4.01	76	156873	19.187	ug/l	98
18) Methyl Acetate	4.28	43	47589	17.132	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168908	18.488	ug/l	100
20) Methylene Chloride	4.50	84	61707	19.103	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56735	17.419	ug/l	97
22) Diisopropyl ether	5.90	45	159832	18.033	ug/l	98
23) Vinyl Acetate	5.84	43	667712	92.271	ug/l	98
24) 1,1-Dichloroethane	5.80	63	103129	18.069	ug/l	99
25) 2-Butanone	6.79	43	159007	93.096	ug/l	97
26) 2,2-Dichloropropane	6.77	77	87790	18.458	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64924	17.714	ug/l	100
28) Bromochloromethane	7.15	49	48110	19.428	ug/l	100
29) Tetrahydrofuran	7.17	42	104460	93.367	ug/l	98
30) Chloroform	7.33	83	105963	18.248	ug/l	98
31) Cyclohexane	7.61	56	86313	17.878	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	89231	18.221	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79324	17.839	ug/l	98
37) Ethyl Acetate	6.88	43	65859	17.886	ug/l	97
38) Carbon Tetrachloride	7.73	117	75426	17.992	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	87295	17.917	ug/l	97
40) Benzene	8.00	78	241667	17.831	ug/l	98
41) Methacrylonitrile	7.13	41	27819	16.296	ug/l	94
42) 1,2-Dichloroethane	8.09	62	81783	17.860	ug/l	99
43) Isopropyl Acetate	8.13	43	108432	18.065	ug/l	100
44) Trichloroethene	8.80	130	60560	17.713	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61200	18.303	ug/l	99
46) Dibromomethane	9.18	93	40982	18.077	ug/l	99
47) Bromodichloromethane	9.37	83	82228	17.964	ug/l	98
48) Methyl methacrylate	9.17	41	47710	17.727	ug/l	99
49) 1,4-Dioxane	9.17	88	21295	356.797	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	329014	93.817	ug/l	99
52) Toluene	10.12	92	151313	18.297	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	89296	17.731	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	98344	18.342	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	60127	18.496	ug/l	98
56) Ethyl methacrylate	10.40	69	79418	18.307	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101837	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	151727	92.958	ug/l	99
59) 2-Hexanone	10.72	43	236029	93.204	ug/l	100
60) Dibromochloromethane	10.87	129	61768	17.947	ug/l	97
61) 1,2-Dibromoethane	10.98	107	60952	18.248	ug/l	100
64) Tetrachloroethene	10.60	164	50991	18.227	ug/l	97
65) Chlorobenzene	11.41	112	161938	18.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	56683	18.226	ug/l	99
67) Ethyl Benzene	11.48	91	278507	18.336	ug/l	100
68) m/p-Xylenes	11.59	106	214044	36.433	ug/l	98
69) o-Xylene	11.92	106	102491	18.490	ug/l	99
70) Styrene	11.94	104	165262	17.877	ug/l	99
71) Bromoform	12.10	173	40494	18.313	ug/l #	99
73) Isopropylbenzene	12.22	105	265844	18.711	ug/l	99
74) N-amyl acetate	12.05	43	85657	18.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	86580	18.312	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78975m	18.278	ug/l	
77) Bromobenzene	12.50	156	64238	18.211	ug/l	98
78) n-propylbenzene	12.57	91	304571	18.741	ug/l	100
79) 2-Chlorotoluene	12.65	91	183178	18.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	218335	18.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27041	18.276	ug/l	98
82) 4-Chlorotoluene	12.75	91	184406	18.150	ug/l	100
83) tert-Butylbenzene	12.97	119	183140	18.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	217729	18.928	ug/l	99
85) sec-Butylbenzene	13.15	105	242972	18.655	ug/l	100
86) p-Isopropyltoluene	13.26	119	215766	18.908	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112728	18.199	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112851	17.675	ug/l	99
89) n-Butylbenzene	13.59	91	170915	18.016	ug/l	100
90) Hexachloroethane	13.85	117	40157	17.936	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	110315	18.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14872	19.635	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46971	17.901	ug/l	98
94) Hexachlorobutadiene	14.98	225	21038	18.460	ug/l	98
95) Naphthalene	15.11	128	134032	18.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	48135	17.941	ug/l	98

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

