

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056570.D
 Acq On : 1 Jul 2019 14:24
 Operator : JC/SP
 Sample : VN0701WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:16:09 AM

Quant Time: Jul 02 01:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	321886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	502835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	440882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	186103	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	160773	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.09	98	592550	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	189431	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	50583	18.559	ug/l	100
3) Chloromethane	2.06	50	66703	17.974	ug/l	99
4) Vinyl Chloride	2.18	62	66207	18.471	ug/l	100
5) Bromomethane	2.53	94	43110m	20.515	ug/l	
6) Chloroethane	2.68	64	39111	18.842	ug/l	97
7) Trichlorofluoromethane	3.00	101	89094	19.215	ug/l	100
8) Diethyl Ether	3.41	74	37943	19.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	58928	19.929	ug/l	99
10) Methyl Iodide	3.95	142	72608	18.169	ug/l	98
11) Tert butyl alcohol	4.80	59	61651	102.605	ug/l	98
12) 1,1-Dichloroethene	3.73	96	52488	18.459	ug/l	98
13) Acrolein	3.61	56	24439	48.259	ug/l	98
14) Allyl chloride	4.32	41	93172	19.684	ug/l	99
15) Acrylonitrile	4.99	53	172902	104.016	ug/l	98
16) Acetone	3.82	43	147925	82.762	ug/l	99
17) Carbon Disulfide	4.05	76	100132	15.482	ug/l	100
18) Methyl Acetate	4.33	43	81844	22.909	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	188086	19.990	ug/l	98
20) Methylene Chloride	4.55	84	68569	19.813	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	57158	18.644	ug/l	97
22) Diisopropyl ether	5.95	45	205828	20.705	ug/l	99
23) Vinyl Acetate	5.90	43	817503	104.266	ug/l	100
24) 1,1-Dichloroethane	5.85	63	117182	20.536	ug/l	99
25) 2-Butanone	6.84	43	232895	98.451	ug/l	100
26) 2,2-Dichloropropane	6.83	77	76785	19.347	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	72674	20.262	ug/l	99
28) Bromochloromethane	7.19	49	57850	20.496	ug/l	100
29) Tetrahydrofuran	7.21	42	156832	108.488	ug/l	98
30) Chloroform	7.37	83	116396	20.672	ug/l	100
31) Cyclohexane	7.65	56	98178	17.822	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	91678	20.541	ug/l	98
36) 1,1-Dichloropropene	7.79	75	81188	18.344	ug/l	100
37) Ethyl Acetate	6.93	43	93109	21.407	ug/l	98
38) Carbon Tetrachloride	7.77	117	73927	19.101	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	92279	16.897	ug/l	96
40) Benzene	8.04	78	259105	19.032	ug/l	98
41) Methacrylonitrile	7.18	41	35960m	18.723	ug/l	
42) 1,2-Dichloroethane	8.12	62	90019	20.036	ug/l	100
43) Isopropyl Acetate	8.17	43	135916	20.266	ug/l #	93
44) Trichloroethene	8.84	130	67975	18.536	ug/l	100
45) 1,2-Dichloropropane	9.12	63	72682	19.963	ug/l	98
46) Dibromomethane	9.21	93	47311	20.770	ug/l	98
47) Bromodichloromethane	9.40	83	83295	20.618	ug/l	99
48) Methyl methacrylate	9.20	41	66109	19.670	ug/l	96
49) 1,4-Dioxane	9.20	88	26984	386.890	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	445109	102.825	ug/l	100
52) Toluene	10.16	92	159007	19.104	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	80520	19.014	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	96571	19.850	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	69644	20.817	ug/l	99
56) Ethyl methacrylate	10.43	69	97694	19.981	ug/l	99
57) 1,3-Dichloropropane	10.71	76	113916	20.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	130091	74.063	ug/l	99
59) 2-Hexanone	10.75	43	316313	99.422	ug/l	98
60) Dibromochloromethane	10.90	129	62364	19.653	ug/l	99
61) 1,2-Dibromoethane	11.00	107	69093	20.220	ug/l	99
64) Tetrachloroethene	10.63	164	67762	19.408	ug/l	99
65) Chlorobenzene	11.43	112	172483	19.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	62658	20.927	ug/l	97
67) Ethyl Benzene	11.51	91	295054	18.968	ug/l	100
68) m/p-Xylenes	11.62	106	215208	37.752	ug/l	100
69) o-Xylene	11.95	106	107009	18.974	ug/l	99
70) Styrene	11.96	104	171789	19.057	ug/l	99
71) Bromoform	12.13	173	41005	19.052	ug/l #	99
73) Isopropylbenzene	12.25	105	285863	23.042	ug/l	99
74) N-amyl acetate	12.07	43	107172	21.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	94233	24.511	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	81582m	25.319	ug/l	
77) Bromobenzene	12.53	156	72491	20.862	ug/l	98
78) n-propylbenzene	12.59	91	288685	20.286	ug/l	98
79) 2-Chlorotoluene	12.67	91	186565	22.518	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	223896	21.611	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19890	21.939	ug/l	95
82) 4-Chlorotoluene	12.77	91	164545	19.583	ug/l	100
83) tert-Butylbenzene	12.99	119	208990	23.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	204484	19.547	ug/l	99
85) sec-Butylbenzene	13.17	105	253804	20.291	ug/l	100
86) p-Isopropyltoluene	13.29	119	202967	18.908	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	102238	19.415	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	93322	18.299	ug/l	98
89) n-Butylbenzene	13.61	91	134516	16.553	ug/l	99
90) Hexachloroethane	13.87	117	36867	22.029	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	101425	19.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11940	20.765	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	27397	14.553	ug/l	92
94) Hexachlorobutadiene	15.01	225	37568	20.096	ug/l	97
95) Naphthalene	15.13	128	81861	15.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	33788	15.393	ug/l	98

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

