

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058470.D
 Acq On : 1 Oct 2019 18:31
 Operator : JC/SP
 Sample : VN1001WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:35:59 PM

Quant Time: Oct 02 07:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	623548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	255204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	282179	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	7.58	113	201569	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.09	98	778940	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.41	95	274074	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	81041	20.698	ug/l	100
3) Chloromethane	2.03	50	104437	24.262	ug/l	99
4) Vinyl Chloride	2.17	62	93991	22.290	ug/l	99
5) Bromomethane	2.55	94	43211	19.292	ug/l	96
6) Chloroethane	2.69	64	57289	22.674	ug/l	99
7) Trichlorofluoromethane	3.00	101	108865	21.393	ug/l	100
8) Diethyl Ether	3.39	74	48501	22.090	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73734	21.335	ug/l	99
10) Methyl Iodide	3.93	142	67870	17.711	ug/l	99
11) Tert butyl alcohol	4.76	59	73644	127.036	ug/l	98
12) 1,1-Dichloroethene	3.72	96	74137	22.008	ug/l	99
13) Acrolein	3.59	56	26668	144.634	ug/l	98
14) Allyl chloride	4.30	41	130642	21.311	ug/l	98
15) Acrylonitrile	4.96	53	205476	121.617	ug/l	99
16) Acetone	3.80	43	180466	101.450	ug/l	100
17) Carbon Disulfide	4.03	76	190666	21.472	ug/l	97
18) Methyl Acetate	4.30	43	116468	26.032	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	259861	21.863	ug/l	100
20) Methylene Chloride	4.53	84	87524	21.321	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	81108	21.652	ug/l	98
22) Diisopropyl ether	5.93	45	293789	22.270	ug/l	93
23) Vinyl Acetate	5.88	43	1068399	107.410	ug/l	98
24) 1,1-Dichloroethane	5.83	63	167681	22.585	ug/l	98
25) 2-Butanone	6.82	43	279386	114.394	ug/l	100
26) 2,2-Dichloropropane	6.81	77	103965	17.033	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	96515	22.045	ug/l	95
28) Bromochloromethane	7.18	49	66913	22.547	ug/l	98
29) Tetrahydrofuran	7.19	42	188041	121.307	ug/l	99
30) Chloroform	7.36	83	166821	22.174	ug/l	100
31) Cyclohexane	7.64	56	153319	21.230	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	140656	22.767	ug/l	99
36) 1,1-Dichloropropene	7.78	75	123548	20.721	ug/l	99
37) Ethyl Acetate	6.91	43	113313	22.416	ug/l	99
38) Carbon Tetrachloride	7.76	117	114793	21.330	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	138349	19.870	ug/l	99
40) Benzene	8.03	78	367159	21.423	ug/l	98
41) Methacrylonitrile	7.16	41	57023m	24.520	ug/l	
42) 1,2-Dichloroethane	8.11	62	141182	21.174	ug/l	99
43) Isopropyl Acetate	8.15	43	188047	19.782	ug/l #	88
44) Trichloroethene	8.82	130	90263	21.329	ug/l	97
45) 1,2-Dichloropropane	9.11	63	99507	21.649	ug/l	99
46) Dibromomethane	9.20	93	63355	21.765	ug/l	97
47) Bromodichloromethane	9.39	83	124940	22.654	ug/l	98
48) Methyl methacrylate	9.19	41	96163	22.216	ug/l	99
49) 1,4-Dioxane	9.19	88	32903	568.498	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	602322	123.355	ug/l	98
52) Toluene	10.15	92	222259	20.603	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	123002	20.491	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	138771	20.826	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	87756	22.342	ug/l	97
56) Ethyl methacrylate	10.43	69	132763	22.275	ug/l	99
57) 1,3-Dichloropropane	10.71	76	152409	21.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	248059	104.375	ug/l	98
59) 2-Hexanone	10.75	43	424490	119.392	ug/l	99
60) Dibromochloromethane	10.90	129	83067	20.091	ug/l	100
61) 1,2-Dibromoethane	11.00	107	87073	21.695	ug/l	99
64) Tetrachloroethene	10.63	164	91704	25.635	ug/l	97
65) Chlorobenzene	11.44	112	231805	20.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	82740	21.941	ug/l	98
67) Ethyl Benzene	11.51	91	430313	21.226	ug/l	99
68) m/p-Xylenes	11.62	106	312143	40.924	ug/l	96
69) o-Xylene	11.95	106	148711	20.253	ug/l	95
70) Styrene	11.97	104	255877	21.451	ug/l	99
71) Bromoform	12.13	173	48816	19.167	ug/l #	97
73) Isopropylbenzene	12.26	105	412119	21.851	ug/l	100
74) N-amyl acetate	12.08	43	149266	19.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	127306	22.827	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	111684m	23.960	ug/l	
77) Bromobenzene	12.53	156	93148	21.063	ug/l	96
78) n-propylbenzene	12.60	91	479234	22.554	ug/l	98
79) 2-Chlorotoluene	12.68	91	289126	22.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	344796	21.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	28433	18.526	ug/l	86
82) 4-Chlorotoluene	12.78	91	284792	21.281	ug/l	100
83) tert-Butylbenzene	13.00	119	295749	22.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	342084	21.626	ug/l	98
85) sec-Butylbenzene	13.18	105	389551	22.216	ug/l	98
86) p-Isopropyltoluene	13.30	119	345393	22.378	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	166230	20.730	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	162135	20.322	ug/l	97
89) n-Butylbenzene	13.62	91	302242	21.617	ug/l	99
90) Hexachloroethane	13.88	117	52751	22.747	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	165966	21.541	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	22810	23.193	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	88950	20.892	ug/l	100
94) Hexachlorobutadiene	15.02	225	45803	20.930	ug/l	99
95) Naphthalene	15.14	128	253525	20.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	88545	20.729	ug/l	98

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

