

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059500.D
 Acq On : 5 Dec 2019 15:10
 Operator : JC/SP
 Sample : VN1205WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

apatel
 12/6/2019 2:54:51 PM

Quant Time: Dec 06 01:06:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	296928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	473153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	430880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	202738	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.57	113	152465	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.08	98	598294	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.40	95	208185	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62089	18.791	ug/l	99
3) Chloromethane	2.04	50	87874	19.842	ug/l	98
4) Vinyl Chloride	2.17	62	82364	30.993	ug/l	98
5) Bromomethane	2.55	94	26649	16.501	ug/l	95
6) Chloroethane	2.68	64	30957	19.731	ug/l	99
7) Trichlorofluoromethane	3.00	101	65459	20.396	ug/l	100
8) Diethyl Ether	3.39	74	39249	18.770	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	61198	19.424	ug/l	98
10) Methyl Iodide	3.93	142	71332	17.881	ug/l	97
11) Tert butyl alcohol	4.76	59	71174	102.397	ug/l	98
12) 1,1-Dichloroethene	3.71	96	57717	18.741	ug/l	97
13) Acrolein	3.58	56	68835	114.108	ug/l	97
14) Allyl chloride	4.29	41	115904	19.107	ug/l	97
15) Acrylonitrile	4.95	53	183375	97.516	ug/l	99
16) Acetone	3.79	43	162250	75.126	ug/l	99
17) Carbon Disulfide	4.03	76	184949	17.600	ug/l	99
18) Methyl Acetate	4.30	43	92928	18.715	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	203597	19.397	ug/l	98
20) Methylene Chloride	4.52	84	71231	19.777	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	64709	18.778	ug/l	99
22) Diisopropyl ether	5.92	45	226350	20.048	ug/l	96
23) Vinyl Acetate	5.87	43	942177	103.998	ug/l	99
24) 1,1-Dichloroethane	5.82	63	128036	19.963	ug/l	99
25) 2-Butanone	6.81	43	249429	88.965	ug/l	99
26) 2,2-Dichloropropane	6.80	77	108274	19.518	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	73635	19.240	ug/l	100
28) Bromochloromethane	7.17	49	52194	21.243	ug/l	96
29) Tetrahydrofuran	7.19	42	168270	95.450	ug/l	99
30) Chloroform	7.35	83	122658	19.807	ug/l	100
31) Cyclohexane	7.63	56	118000	18.988	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	106665	19.817	ug/l	98
36) 1,1-Dichloropropene	7.77	75	92873	18.862	ug/l	99
37) Ethyl Acetate	6.91	43	102770	18.686	ug/l	99
38) Carbon Tetrachloride	7.75	117	93836	19.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	108931	18.384	ug/l	97
40) Benzene	8.02	78	276650	19.187	ug/l	97
41) Methacrylonitrile	7.16	41	49320m	22.126	ug/l	
42) 1,2-Dichloroethane	8.10	62	100283	20.475	ug/l	99
43) Isopropyl Acetate	8.15	43	163044	19.932	ug/l	98
44) Trichloroethene	8.82	130	71642	19.014	ug/l	97
45) 1,2-Dichloropropane	9.10	63	74664	19.383	ug/l	98
46) Dibromomethane	9.19	93	47135	19.654	ug/l	98
47) Bromodichloromethane	9.39	83	94622	19.677	ug/l	99
48) Methyl methacrylate	9.18	41	71013	19.242	ug/l	97
49) 1,4-Dioxane	9.19	88	24139	432.264	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	495271	102.000	ug/l	97
52) Toluene	10.15	92	168982	19.378	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	106216	18.771	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	116098	19.357	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	67775	19.716	ug/l	98
56) Ethyl methacrylate	10.42	69	94922	18.013	ug/l	94
57) 1,3-Dichloropropane	10.70	76	116975	19.677	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	154906	92.258	ug/l	100
59) 2-Hexanone	10.74	43	357340	97.789	ug/l	97
60) Dibromochloromethane	10.90	129	70322	19.159	ug/l	99
61) 1,2-Dibromoethane	11.00	107	68529	19.293	ug/l	99
64) Tetrachloroethene	10.62	164	64541	17.609	ug/l	97
65) Chlorobenzene	11.43	112	177597	18.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66111	19.533	ug/l	99
67) Ethyl Benzene	11.51	91	313562	19.000	ug/l	99
68) m/p-Xylenes	11.62	106	236132	38.426	ug/l	99
69) o-Xylene	11.95	106	112162	19.172	ug/l	100
70) Styrene	11.96	104	172552	18.476	ug/l	99
71) Bromoform	12.13	173	49548	18.781	ug/l #	98
73) Isopropylbenzene	12.25	105	299654	19.141	ug/l	100
74) N-amyl acetate	12.07	43	118307	18.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	100633	20.040	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	94750m	19.522	ug/l	
77) Bromobenzene	12.53	156	73168	18.703	ug/l	99
78) n-propylbenzene	12.59	91	345696	18.976	ug/l	99
79) 2-Chlorotoluene	12.67	91	206392	18.793	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	252913	19.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34093	18.434	ug/l	94
82) 4-Chlorotoluene	12.77	91	208209	18.376	ug/l	99
83) tert-Butylbenzene	12.99	119	213886	18.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	246550	19.284	ug/l	100
85) sec-Butylbenzene	13.17	105	288031	19.134	ug/l	100
86) p-Isopropyltoluene	13.29	119	248710	18.437	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	124945	18.115	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	124840	17.947	ug/l	99
89) n-Butylbenzene	13.62	91	211911	17.534	ug/l	99
90) Hexachloroethane	13.88	117	49239	18.925	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	125140	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20938	20.140	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	66582	16.494	ug/l	99
94) Hexachlorobutadiene	15.01	225	43263	18.059	ug/l	98
95) Naphthalene	15.13	128	182993	18.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	68315	18.150	ug/l	98

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

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