

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054880.D
 Acq On : 1 Apr 2019 17:42
 Operator : JC/SP
 Sample : VN0401WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:51:27 AM

Quant Time: Apr 02 06:42:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	373582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	616666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	266140	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	207390	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.09	98	778263	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	253874	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	72961	19.308	ug/l	99
3) Chloromethane	2.06	50	110646	21.177	ug/l	94
4) Vinyl Chloride	2.19	62	94472	20.134	ug/l	99
5) Bromomethane	2.58	94	53405	20.378	ug/l	95
6) Chloroethane	2.71	64	55194	21.066	ug/l	95
7) Trichlorofluoromethane	3.03	101	124255	21.540	ug/l	99
8) Diethyl Ether	3.41	74	42067	22.647	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	62571	20.605	ug/l	93
10) Methyl Iodide	3.95	142	83224	20.020	ug/l #	88
11) Tert butyl alcohol	4.82	59	28671	109.271	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	64949	22.117	ug/l #	77
13) Acrolein	3.61	56	33904	144.539	ug/l	100
14) Allyl chloride	4.32	41	145850	20.164	ug/l #	91
15) Acrylonitrile	5.00	53	163901	112.383	ug/l	99
16) Acetone	3.82	43	113088	94.169	ug/l #	83
17) Carbon Disulfide	4.04	76	179879	18.886	ug/l	98
18) Methyl Acetate	4.33	43	74750	23.409	ug/l	90
19) Methyl tert-butyl Ether	5.05	73	220930	21.508	ug/l	93
20) Methylene Chloride	4.55	84	90448	21.352	ug/l #	79
21) trans-1,2-Dichloroethene	5.04	96	80375	20.838	ug/l	89
22) Diisopropyl ether	5.96	45	314738	22.000	ug/l #	94
23) Vinyl Acetate	5.90	43	1073398	107.818	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	166594	21.830	ug/l	97
25) 2-Butanone	6.85	43	191695	107.987	ug/l	89
26) 2,2-Dichloropropane	6.83	77	101256	18.931	ug/l	77
27) cis-1,2-Dichloroethene	6.83	96	93927	21.556	ug/l	89
28) Bromochloromethane	7.20	49	82465	21.610	ug/l #	70
29) Tetrahydrofuran	7.22	42	132761	107.678	ug/l #	85
30) Chloroform	7.37	83	159443	21.911	ug/l	97
31) Cyclohexane	7.65	56	151558	20.584	ug/l	89
32) 1,1,1-Trichloroethane	7.57	97	132364	21.949	ug/l	95
36) 1,1-Dichloropropene	7.79	75	115460	20.094	ug/l	96
37) Ethyl Acetate	6.94	43	88770	21.067	ug/l	95
38) Carbon Tetrachloride	7.77	117	111051	19.898	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124127	19.649	ug/l #	86
40) Benzene	8.04	78	351211	21.361	ug/l	97
41) Methacrylonitrile	7.18	41	48805	20.618	ug/l	93
42) 1,2-Dichloroethane	8.12	62	127084	21.647	ug/l	98
43) Isopropyl Acetate	8.17	43	148353	21.667	ug/l #	94
44) Trichloroethene	8.84	130	87878	20.589	ug/l	94
45) 1,2-Dichloropropane	9.12	63	101012	21.546	ug/l	100
46) Dibromomethane	9.21	93	56779	21.529	ug/l	89
47) Bromodichloromethane	9.40	83	116891	21.326	ug/l	99
48) Methyl methacrylate	9.20	41	75966	20.468	ug/l #	86
49) 1,4-Dioxane	9.21	88	15724	426.979	ug/l #	78
51) 4-Methyl-2-Pentanone	9.99	43	423918	110.124	ug/l	92
52) Toluene	10.16	92	210281	21.493	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	105252	20.414	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	130071	21.119	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	81827	22.493	ug/l	95
56) Ethyl methacrylate	10.43	69	97181	20.364	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	137034	21.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	182227	95.329	ug/l	90
59) 2-Hexanone	10.75	43	258439	104.875	ug/l	90
60) Dibromochloromethane	10.90	129	77056	20.910	ug/l	97
61) 1,2-Dibromoethane	11.01	107	74720	21.492	ug/l	100
64) Tetrachloroethene	10.63	164	82263	19.825	ug/l	95
65) Chlorobenzene	11.43	112	216842	20.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	82188	20.740	ug/l	99
67) Ethyl Benzene	11.51	91	394933	20.672	ug/l	98
68) m/p-Xylenes	11.62	106	284710	40.270	ug/l	92
69) o-Xylene	11.95	106	140123	20.212	ug/l	93
70) Styrene	11.96	104	233594	21.073	ug/l	97
71) Bromoform	12.13	173	46237	19.917	ug/l #	97
73) Isopropylbenzene	12.25	105	378150	20.671	ug/l	99
74) N-amyl acetate	12.07	43	115342	20.238	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	95993	22.875	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	77726m	19.991	ug/l	
77) Bromobenzene	12.53	156	91009	20.613	ug/l	85
78) n-propylbenzene	12.59	91	413071	20.544	ug/l	95
79) 2-Chlorotoluene	12.67	91	257275	20.683	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	310474	20.684	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	16979	16.986	ug/l #	72
82) 4-Chlorotoluene	12.77	91	241275	19.970	ug/l	96
83) tert-Butylbenzene	12.99	119	263208	21.439	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	303362	21.214	ug/l	97
85) sec-Butylbenzene	13.17	105	342126	20.982	ug/l	97
86) p-Isopropyltoluene	13.29	119	293460	20.405	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	151686	20.521	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	145313	20.043	ug/l	98
89) n-Butylbenzene	13.61	91	218107	18.588	ug/l	98
90) Hexachloroethane	13.87	117	48824	19.995	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	153236	20.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13520	21.619	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61262	17.034	ug/l	98
94) Hexachlorobutadiene	15.01	225	46483	20.586	ug/l	99
95) Naphthalene	15.13	128	138705	17.195	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	66498	18.308	ug/l	99

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

