

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054967.D
 Acq On : 5 Apr 2019 11:46
 Operator : JC/SP
 Sample : VN0405WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0405WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:34:07 AM

Quant Time: Apr 06 00:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	438449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	721790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	296938	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	237959	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.09	98	885084	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	287928	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110198	21.019	ug/l	99
3) Chloromethane	2.06	50	135391	19.532	ug/l	100
4) Vinyl Chloride	2.19	62	120684	19.926	ug/l	97
5) Bromomethane	2.58	94	67285	19.462	ug/l	95
6) Chloroethane	2.71	64	66103	19.569	ug/l	98
7) Trichlorofluoromethane	3.03	101	147551	20.065	ug/l	98
8) Diethyl Ether	3.42	74	48276	20.613	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	75496	19.378	ug/l	95
10) Methyl Iodide	3.95	142	107059	19.494	ug/l	99
11) Tert butyl alcohol	4.81	59	32257	108.132	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	74539	19.287	ug/l	98
13) Acrolein	3.61	56	40589	92.458	ug/l	100
14) Allyl chloride	4.32	41	176226	20.545	ug/l	98
15) Acrylonitrile	5.00	53	183633	102.652	ug/l	100
16) Acetone	3.82	43	149713	89.591	ug/l	99
17) Carbon Disulfide	4.04	76	239890	19.500	ug/l	100
18) Methyl Acetate	4.34	43	85955	21.962	ug/l	96
19) Methyl tert-butyl Ether	5.06	73	258753	20.641	ug/l	100
20) Methylene Chloride	4.55	84	106577	19.864	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	97277	20.153	ug/l	99
22) Diisopropyl ether	5.96	45	364422	20.686	ug/l	99
23) Vinyl Acetate	5.90	43	1261531	102.912	ug/l	100
24) 1,1-Dichloroethane	5.85	63	196317	20.435	ug/l	99
25) 2-Butanone	6.85	43	226059	104.143	ug/l	99
26) 2,2-Dichloropropane	6.82	77	134657	19.995	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	110915	20.257	ug/l	100
28) Bromochloromethane	7.20	49	87711	19.489	ug/l	99
29) Tetrahydrofuran	7.22	42	150639	105.877	ug/l	99
30) Chloroform	7.37	83	189283	20.790	ug/l	99
31) Cyclohexane	7.65	56	186592	19.544	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	152974	19.911	ug/l	99
36) 1,1-Dichloropropene	7.79	75	139417	19.494	ug/l	99
37) Ethyl Acetate	6.94	43	100274	20.431	ug/l	99
38) Carbon Tetrachloride	7.77	117	132125	19.130	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	157753	20.050	ug/l	97
40) Benzene	8.04	78	425926	20.697	ug/l	99
41) Methacrylonitrile	7.18	41	51003	18.174	ug/l	95
42) 1,2-Dichloroethane	8.13	62	146077	20.200	ug/l	99
43) Isopropyl Acetate	8.17	43	167770	20.283	ug/l	99
44) Trichloroethene	8.83	130	107747	20.477	ug/l	98
45) 1,2-Dichloropropane	9.12	63	117168	20.434	ug/l	99
46) Dibromomethane	9.21	93	64743	19.911	ug/l	98
47) Bromodichloromethane	9.40	83	137245	20.096	ug/l	98
48) Methyl methacrylate	9.20	41	84633	20.212	ug/l	97
49) 1,4-Dioxane	9.20	88	18422	435.878	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	477833	103.552	ug/l	100
52) Toluene	10.16	92	247198	20.379	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	122362	18.650	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	157288	20.463	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	90355	20.545	ug/l	99
56) Ethyl methacrylate	10.43	69	110686	19.249	ug/l	97
57) 1,3-Dichloropropane	10.71	76	158905	20.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	224334	94.221	ug/l	99
59) 2-Hexanone	10.75	43	292468	101.473	ug/l	99
60) Dibromochloromethane	10.90	129	92688	20.121	ug/l	99
61) 1,2-Dibromoethane	11.01	107	86566	20.934	ug/l	99
64) Tetrachloroethene	10.63	164	102109	20.444	ug/l	98
65) Chlorobenzene	11.43	112	255979	20.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	95431	20.649	ug/l	99
67) Ethyl Benzene	11.51	91	460788	20.246	ug/l	97
68) m/p-Xylenes	11.62	106	338914	40.736	ug/l	100
69) o-Xylene	11.95	106	168874	20.810	ug/l	98
70) Styrene	11.96	104	270548	20.785	ug/l	99
71) Bromoform	12.12	173	54443	19.599	ug/l #	98
73) Isopropylbenzene	12.25	105	442263	20.803	ug/l	99
74) N-amyl acetate	12.07	43	126631	21.429	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	106193	21.429	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	92353m	21.749	ug/l	
77) Bromobenzene	12.53	156	106020	20.592	ug/l	98
78) n-propylbenzene	12.59	91	487530	20.815	ug/l	99
79) 2-Chlorotoluene	12.67	91	298693	20.577	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	362331	20.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21728	19.943	ug/l	97
82) 4-Chlorotoluene	12.77	91	286861	20.893	ug/l	97
83) tert-Butylbenzene	12.99	119	303342	20.424	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	352915	20.892	ug/l	99
85) sec-Butylbenzene	13.17	105	391592	20.384	ug/l	100
86) p-Isopropyltoluene	13.29	119	339365	20.502	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	174485	20.374	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	165061	20.245	ug/l	98
89) n-Butylbenzene	13.61	91	268746	20.316	ug/l	98
90) Hexachloroethane	13.87	117	56409	20.288	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	172310	20.492	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14464	19.876	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71674	17.972	ug/l	99
94) Hexachlorobutadiene	15.01	225	53778	19.117	ug/l	97
95) Naphthalene	15.13	128	156435	18.348	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74731	19.354	ug/l	99

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

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