

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054918.D
 Acq On : 3 Apr 2019 11:37
 Operator : JC/SP
 Sample : VN0403MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:31:14 AM

Quant Time: Apr 04 02:00:06 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	407111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	685295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	591390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	289350	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	231244	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.09	98	839297	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	275042	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	80642	19.583	ug/l	99
3) Chloromethane	2.06	50	112943	19.836	ug/l	98
4) Vinyl Chloride	2.19	62	103609	20.263	ug/l	98
5) Bromomethane	2.58	94	57815	20.228	ug/l	96
6) Chloroethane	2.71	64	58002	20.315	ug/l	98
7) Trichlorofluoromethane	3.02	101	132561	21.087	ug/l	99
8) Diethyl Ether	3.41	74	45529	22.493	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	3.75	101	71754	21.683	ug/l	94
10) Methyl Iodide	3.95	142	92755	20.475	ug/l #	89
11) Tert butyl alcohol	4.82	59	32743	114.513	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	68101	21.281	ug/l #	79
13) Acrolein	3.61	56	23597	92.313	ug/l	94
14) Allyl chloride	4.32	41	165692	21.021	ug/l #	90
15) Acrylonitrile	4.99	53	181298	114.074	ug/l	99
16) Acetone	3.82	43	154377	117.963	ug/l #	84
17) Carbon Disulfide	4.04	76	186703	17.988	ug/l	97
18) Methyl Acetate	4.33	43	82427	23.698	ug/l #	88
19) Methyl tert-butyl Ether	5.06	73	244616	21.852	ug/l	93
20) Methylene Chloride	4.54	84	100379	21.745	ug/l #	83
21) trans-1,2-Dichloroethene	5.04	96	87757	20.878	ug/l	85
22) Diisopropyl ether	5.96	45	348812	22.374	ug/l #	91
23) Vinyl Acetate	5.90	43	1198578	110.477	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	183036	22.009	ug/l	97
25) 2-Butanone	6.85	43	230581	119.195	ug/l #	85
26) 2,2-Dichloropropane	6.83	77	122765	21.062	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	104559	22.020	ug/l	88
28) Bromochloromethane	7.20	49	99170	23.848	ug/l #	71
29) Tetrahydrofuran	7.22	42	148062	110.198	ug/l #	85
30) Chloroform	7.37	83	178126	22.462	ug/l	98
31) Cyclohexane	7.65	56	167265	20.873	ug/l	86
32) 1,1,1-Trichloroethane	7.57	97	144888	22.047	ug/l	95
36) 1,1-Dichloropropene	7.79	75	123890	19.401	ug/l	96
37) Ethyl Acetate	6.94	43	98816	21.102	ug/l	96
38) Carbon Tetrachloride	7.77	117	123707	19.946	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	140632	20.032	ug/l	88
40) Benzene	8.04	78	383718	21.001	ug/l	99
41) Methacrylonitrile	7.18	41	64804	24.635	ug/l #	83
42) 1,2-Dichloroethane	8.12	62	138201	21.183	ug/l	97
43) Isopropyl Acetate	8.17	43	165876	21.801	ug/l #	94
44) Trichloroethene	8.83	130	98190	20.702	ug/l	89
45) 1,2-Dichloropropane	9.12	63	112277	21.550	ug/l	100
46) Dibromomethane	9.21	93	64091	21.868	ug/l	86
47) Bromodichloromethane	9.40	83	131534	21.594	ug/l	94
48) Methyl methacrylate	9.20	41	84369	20.455	ug/l #	86
49) 1,4-Dioxane	9.20	88	18308	447.359	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	484227	113.194	ug/l	92
52) Toluene	10.16	92	232812	21.413	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	117888	20.575	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	148072	21.634	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	89353	22.102	ug/l	97
56) Ethyl methacrylate	10.43	69	112140	21.145	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	151007	21.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	218304	101.958	ug/l	89
59) 2-Hexanone	10.75	43	300962	109.900	ug/l	90
60) Dibromochloromethane	10.90	129	87885	21.460	ug/l	99
61) 1,2-Dibromoethane	11.00	107	83721	21.670	ug/l	97
64) Tetrachloroethene	10.63	164	93799	20.669	ug/l	97
65) Chlorobenzene	11.43	112	238253	20.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	90054	20.779	ug/l	98
67) Ethyl Benzene	11.51	91	435888	20.861	ug/l	97
68) m/p-Xylenes	11.62	106	313766	40.579	ug/l	93
69) o-Xylene	11.95	106	154810	20.417	ug/l	94
70) Styrene	11.96	104	256556	21.162	ug/l	96
71) Bromoform	12.13	173	51418	20.251	ug/l #	99
73) Isopropylbenzene	12.25	105	416901	20.926	ug/l	98
74) N-amyl acetate	12.07	43	122964	19.811	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	107741	23.628	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	92352m	21.810	ug/l	
77) Bromobenzene	12.53	156	102109	21.236	ug/l	85
78) n-propylbenzene	12.59	91	453798	20.724	ug/l	96
79) 2-Chlorotoluene	12.67	91	279082	20.601	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	342366	20.943	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	21098	19.381	ug/l #	81
82) 4-Chlorotoluene	12.77	91	270463	20.555	ug/l	96
83) tert-Butylbenzene	12.99	119	293305	21.987	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	330083	21.194	ug/l	97
85) sec-Butylbenzene	13.17	105	370049	20.838	ug/l	97
86) p-Isopropyltoluene	13.29	119	323920	20.681	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	162971	20.244	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	157897	19.998	ug/l	97
89) n-Butylbenzene	13.61	91	255868	20.023	ug/l	95
90) Hexachloroethane	13.87	117	52232	19.641	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	165610	20.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14588	21.419	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68158	17.401	ug/l	98
94) Hexachlorobutadiene	15.01	225	50393	20.482	ug/l	97
95) Naphthalene	15.13	128	156990	17.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	72952	18.442	ug/l	99

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

