

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057642.D
 Acq On : 1 Sep 2019 14:21
 Operator : JC/SP
 Sample : VN0902MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:02:59 AM

Quant Time: Sep 02 02:26:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	187565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	320904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	116707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	214251	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.58	113	135272	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.09	98	530854	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	181925	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	63225	21.080	ug/l	97
3) Chloromethane	2.05	50	72989	21.109	ug/l	99
4) Vinyl Chloride	2.18	62	56276	20.779	ug/l	98
5) Bromomethane	2.51	94	38673	22.568	ug/l	100
6) Chloroethane	2.67	64	32601	21.550	ug/l	94
7) Trichlorofluoromethane	3.00	101	80039	21.054	ug/l	96
8) Diethyl Ether	3.39	74	25241	20.065	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39395	20.440	ug/l	99
10) Methyl Iodide	3.92	142	51193	20.572	ug/l	99
11) Tert butyl alcohol	4.82	59	44373	99.849	ug/l #	91
12) 1,1-Dichloroethene	3.71	96	36771	21.047	ug/l	90
13) Acrolein	3.59	56	16102	91.128	ug/l	96
14) Allyl chloride	4.29	41	103145	18.924	ug/l	95
15) Acrylonitrile	4.97	53	133578	100.171	ug/l	98
16) Acetone	3.81	43	109456	92.177	ug/l	93
17) Carbon Disulfide	4.02	76	107418	19.018	ug/l	99
18) Methyl Acetate	4.31	43	83037	20.366	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	189607	20.977	ug/l	95
20) Methylene Chloride	4.53	84	63488	21.596	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	52517	20.219	ug/l	100
22) Diisopropyl ether	5.94	45	232842	20.781	ug/l	97
23) Vinyl Acetate	5.88	43	885663	102.853	ug/l	98
24) 1,1-Dichloroethane	5.82	63	116419	20.699	ug/l	98
25) 2-Butanone	6.83	43	195380	98.743	ug/l	100
26) 2,2-Dichloropropane	6.81	77	83820	18.645	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	63366	20.430	ug/l	99
28) Bromochloromethane	7.18	49	57013	19.036	ug/l	97
29) Tetrahydrofuran	7.20	42	130135	104.832	ug/l	98
30) Chloroform	7.36	83	118332	20.739	ug/l	94
31) Cyclohexane	7.64	56	111929	19.940	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	94438	20.177	ug/l	97
36) 1,1-Dichloropropene	7.78	75	84281	19.810	ug/l	99
37) Ethyl Acetate	6.92	43	82387	20.329	ug/l	99
38) Carbon Tetrachloride	7.76	117	73215	19.225	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	100997	20.092	ug/l	97
40) Benzene	8.03	78	246958	19.941	ug/l	100
41) Methacrylonitrile	7.16	41	36283	17.525	ug/l	90
42) 1,2-Dichloroethane	8.11	62	106530	21.178	ug/l	100
43) Isopropyl Acetate	8.16	43	141550	19.413	ug/l	99
44) Trichloroethene	8.83	130	55855	19.881	ug/l	94
45) 1,2-Dichloropropane	9.11	63	69551	20.162	ug/l	99
46) Dibromomethane	9.20	93	42722	20.002	ug/l	100
47) Bromodichloromethane	9.40	83	84827	19.548	ug/l	97
48) Methyl methacrylate	9.19	41	74462	20.003	ug/l	99
49) 1,4-Dioxane	9.20	88	17170	393.884	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	435264	104.155	ug/l	100
52) Toluene	10.15	92	148240	20.252	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	81051	18.862	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	92338	18.525	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	55485	19.979	ug/l	97
56) Ethyl methacrylate	10.43	69	89566	19.326	ug/l	97
57) 1,3-Dichloropropane	10.70	76	103780	20.368	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	120596	88.942	ug/l	99
59) 2-Hexanone	10.75	43	294091	95.830	ug/l	99
60) Dibromochloromethane	10.90	129	49096	18.528	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56033	20.038	ug/l	98
64) Tetrachloroethene	10.63	164	53007	21.366	ug/l	94
65) Chlorobenzene	11.43	112	149511	20.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	50575	20.198	ug/l	95
67) Ethyl Benzene	11.51	91	294375	21.102	ug/l	99
68) m/p-Xylenes	11.62	106	198963	40.485	ug/l	98
69) o-Xylene	11.95	106	97214	20.411	ug/l	99
70) Styrene	11.96	104	153050	19.516	ug/l	98
71) Bromoform	12.13	173	27268	19.049	ug/l #	96
73) Isopropylbenzene	12.25	105	264907	22.482	ug/l	99
74) N-amyl acetate	12.07	43	122125	21.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	77388	22.284	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	74319m	24.209	ug/l	
77) Bromobenzene	12.53	156	58797	23.445	ug/l	96
78) n-propylbenzene	12.59	91	286715	21.862	ug/l	98
79) 2-Chlorotoluene	12.67	91	180785	22.107	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	217905	22.479	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	16969	18.947	ug/l	92
82) 4-Chlorotoluene	12.77	91	167344	20.673	ug/l	99
83) tert-Butylbenzene	12.99	119	183801	22.346	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	202338	21.575	ug/l	100
85) sec-Butylbenzene	13.17	105	238406	21.549	ug/l	99
86) p-Isopropyltoluene	13.29	119	191606	20.942	ug/l	97
87) 1,3-Dichlorobenzene	13.29	146	82276	20.138	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	81342	20.611	ug/l	97
89) n-Butylbenzene	13.62	91	178163	20.779	ug/l	99
90) Hexachloroethane	13.88	117	29593	18.630	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	80876	20.744	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10370	19.393	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	25571	20.900	ug/l	96
94) Hexachlorobutadiene	15.01	225	25985	19.422	ug/l	99
95) Naphthalene	15.13	128	77919	20.334	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	24838	20.157	ug/l	98

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

