

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055859.D
 Acq On : 28 May 2019 17:52
 Operator : JC/SP
 Sample : VN0528MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 11:10:03 AM

Quant Time: May 29 10:25:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	535598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	186193	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	7.59	113	166877	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.09	98	642097	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	206626	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	45070	18.331	ug/l	99
3) Chloromethane	2.06	50	63043	18.300	ug/l	99
4) Vinyl Chloride	2.18	62	69223	18.840	ug/l	99
5) Bromomethane	2.54	94	49759m	21.647	ug/l	
6) Chloroethane	2.69	64	44003	19.891	ug/l	100
7) Trichlorofluoromethane	3.01	101	91917	19.081	ug/l	96
8) Diethyl Ether	3.40	74	41618	19.276	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58467	19.444	ug/l	98
10) Methyl Iodide	3.94	142	93469	21.261	ug/l	99
11) Tert butyl alcohol	4.82	59	77141	107.012	ug/l	100
12) 1,1-Dichloroethene	3.72	96	60676	19.529	ug/l	96
13) Acrolein	3.60	56	44616	86.437	ug/l	95
14) Allyl chloride	4.31	41	100698	18.906	ug/l	99
15) Acrylonitrile	4.99	53	170737	103.146	ug/l	100
16) Acetone	3.82	43	139945	84.383	ug/l	99
17) Carbon Disulfide	4.04	76	149446	16.930	ug/l	100
18) Methyl Acetate	4.33	43	76649	22.027	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	209379	20.206	ug/l	100
20) Methylene Chloride	4.54	84	72011	20.049	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	64830	19.422	ug/l	97
22) Diisopropyl ether	5.96	45	210024	20.273	ug/l	99
23) Vinyl Acetate	5.90	43	864034	97.277	ug/l	100
24) 1,1-Dichloroethane	5.84	63	119274	19.775	ug/l	99
25) 2-Butanone	6.84	43	227254	98.116	ug/l	99
26) 2,2-Dichloropropane	6.82	77	82252	15.757	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	80165	20.585	ug/l	96
28) Bromochloromethane	7.19	49	59175	20.606	ug/l	96
29) Tetrahydrofuran	7.22	42	152088	103.690	ug/l	99
30) Chloroform	7.37	83	121591	20.214	ug/l	99
31) Cyclohexane	7.65	56	110164	19.454	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	103585	19.297	ug/l	100
36) 1,1-Dichloropropene	7.79	75	88693	19.002	ug/l	99
37) Ethyl Acetate	6.94	43	93014	20.619	ug/l	99
38) Carbon Tetrachloride	7.77	117	92025	18.928	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	108685	18.804	ug/l	97
40) Benzene	8.04	78	283773	20.173	ug/l	99
41) Methacrylonitrile	7.17	41	45197	19.831	ug/l	97
42) 1,2-Dichloroethane	8.12	62	92330	20.087	ug/l	100
43) Isopropyl Acetate	8.17	43	145615	19.212	ug/l #	92
44) Trichloroethene	8.83	130	81230	20.713	ug/l	98
45) 1,2-Dichloropropane	9.12	63	72752	19.850	ug/l	98
46) Dibromomethane	9.21	93	48426	20.147	ug/l	97
47) Bromodichloromethane	9.40	83	92749	18.818	ug/l	100
48) Methyl methacrylate	9.20	41	68966	19.743	ug/l	97
49) 1,4-Dioxane	9.20	88	28961	398.956	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	451908	100.952	ug/l	99
52) Toluene	10.16	92	184421	20.845	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	96400	18.324	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	109062	18.713	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	72249	20.385	ug/l	99
56) Ethyl methacrylate	10.43	69	107494	19.624	ug/l	99
57) 1,3-Dichloropropane	10.71	76	115657	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	190468	90.989	ug/l	99
59) 2-Hexanone	10.75	43	307087	96.701	ug/l	100
60) Dibromochloromethane	10.90	129	76869	18.617	ug/l	99
61) 1,2-Dibromoethane	11.01	107	75038	20.411	ug/l	99
64) Tetrachloroethene	10.63	164	83794	21.263	ug/l	99
65) Chlorobenzene	11.43	112	192623	20.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	72946	19.554	ug/l	99
67) Ethyl Benzene	11.51	91	365988	21.819	ug/l	99
68) m/p-Xylenes	11.62	106	265724	41.904	ug/l	99
69) o-Xylene	11.95	106	131812	20.951	ug/l	97
70) Styrene	11.96	104	205276	20.148	ug/l	100
71) Bromoform	12.13	173	57365	18.028	ug/l #	100
73) Isopropylbenzene	12.25	105	338525	22.551	ug/l	99
74) N-amyl acetate	12.07	43	114572	19.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	99100	21.874	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	81514m	22.134	ug/l	
77) Bromobenzene	12.53	156	123146	29.122	ug/l	64
78) n-propylbenzene	12.59	91	345004	20.031	ug/l	99
79) 2-Chlorotoluene	12.67	91	213803	21.598	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	273434	21.591	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	23217	15.764	ug/l	88
82) 4-Chlorotoluene	12.77	91	199967	19.752	ug/l	99
83) tert-Butylbenzene	12.99	119	240654	21.755	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	278998	22.254	ug/l	99
85) sec-Butylbenzene	13.17	105	303823	21.426	ug/l	99
86) p-Isopropyltoluene	13.29	119	274803	19.969	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134739	20.123	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	128131	20.128	ug/l	99
89) n-Butylbenzene	13.61	91	196090	18.597	ug/l	99
90) Hexachloroethane	13.87	117	48254	18.422	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	134612	20.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16354	18.626	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	66744	19.739	ug/l	99
94) Hexachlorobutadiene	15.01	225	51815	20.980	ug/l	100
95) Naphthalene	15.13	128	346141	37.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74194	21.011	ug/l	99

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

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