Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004409.D
Acq On : 14 Feb 2019 00:52
Operator : JU/SJ
Sample : MDL-S-ME-07
Misc : 1PPM/4PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-S-ME-07

Manual Integrations APPROVED
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2/14/2019 5:11:11 PM

Quant Time: Feb 14 07:09:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:43:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	23857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	116579	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	76825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	192192	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	260299	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	299659	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2759	6.95	ng/uL	0.00
5) Phenol-d5	6.90	99	54324	25.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29889	28.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48199	27.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	47918	26.22	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	23061	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24323	30.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	50063	27.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	70448	34.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	193566	29.71	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	230920	29.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	31242	25.05	ng/ul	0.00
58) Fluorene-d10	15.38	176	169997	29.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	26313	23.48	ng/ul	0.00
71) Anthracene-d10	17.23	188	277811	30.16	ng/ul	0.00
79) Pyrene-d10	19.53	212	341547	29.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	424245	26.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	663	1.358	ng/uL#	72
4) Benzaldehyde	6.90	77	3344	2.740	ng/ul	92
6) Phenol	6.93	94	7799	3.674	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.18	93	6291	4.143	ng/ul	99
10) 2-Chlorophenol	7.30	128	6686	3.895	ng/ul	97
11) 2-Methylphenol	8.18	108	5594	3.295	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	7269m	4.039	ng/ul	
14) Acetophenone	8.57	105	10081	3.701	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	4067	3.481	ng/ul	98
16) 4-Methylphenol	8.50	108	6817	3.627	ng/ul	100
17) Hexachloroethane	8.82	117	2375	3.952	ng/ul	96
20) Nitrobenzene	8.95	77	7164	4.243	ng/ul	95
21) Isophorone	9.46	82	11881	3.435	ng/ul	99
23) 2-Nitrophenol	9.65	139	3751	4.151	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	7797	3.825	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	8596	3.830	ng/ul	98
27) 2,4-Dichlorophenol	10.18	162	7347	4.074	ng/ul	98
28) Naphthalene	10.58	128	25597	4.259	ng/ul	99
30) 4-Chloroaniline	10.70	127	7980	3.947	ng/ul	98
31) Hexachlorobutadiene	10.85	225	5141	4.410	ng/ul	98
32) Caprolactam	11.48	113	970	1.593	ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	6832	3.513	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	19570	4.245	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	19232	4.230	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	11010	4.305	ng/ul	100
38) Hexachlorocyclopentadiene	12.53	237	5491	3.453	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	5021	3.323	ng/ul	95
40) 2,4,5-Trichlorophenol	12.88	196	5766	3.397	ng/ul	95
41) 1,1'-Biphenyl	13.22	154	26539	4.275	ng/ul	97
42) 2-Chloronaphthalene	13.26	162	20032	4.149	ng/ul	100
43) 2-Nitroaniline	13.47	65	2969	3.012	ng/ul	94
45) Dimethylphthalate	13.84	163	26869	4.172	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3634	3.200	ng/ul	98
48) Acenaphthylene	14.10	152	31127	4.247	ng/ul	99
49) 3-Nitroaniline	14.30	138	2876	2.482	ng/ul#	95
50) Acenaphthene	14.45	153	22201	4.205	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1649	2.334	ng/ul	91
53) 4-Nitrophenol	14.59	109	3570	3.849	ng/ul	93
54) Dibenzofuran	14.79	168	33029	4.325	ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	6040	3.391	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.01	232	5534	3.573	ng/ul#	93
57) Diethylphthalate	15.21	149	24160	3.801	ng/ul	98
59) Fluorene	15.43	166	26847	4.338	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	14333	4.377	ng/ul	99
61) 4-Nitroaniline	15.46	138	3523	2.336	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.51	198	4112	3.490	ng/ul#	84
65) N-Nitrosodiphenylamine	15.65	169	22258	4.044	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	8921	4.154	ng/ul	99
67) Hexachlorobenzene	16.43	284	10630	4.226	ng/ul	96
68) Atrazine	16.59	200	6719	3.170	ng/ul	99
69) Pentachlorophenol	16.77	266	3843	2.621	ng/ul	89
70) Phenanthrene	17.17	178	45831	4.298	ng/ul	99
72) Anthracene	17.27	178	46002	4.285	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	11264	4.273	ng/uL	98
74) Pentachlorobenzene	14.70	250	12017	4.265	ng/uL	99
75) Carbazole	17.54	167	37642	3.924	ng/ul	99
76) Di-n-butylphthalate	18.10	149	32382	3.075	ng/ul	99
77) Fluoranthene	19.19	202	53590	4.082	ng/ul	98
80) Pyrene	19.56	202	60405	4.196	ng/ul	98
81) Butylbenzylphthalate	20.46	149	13305	2.690	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	11771	2.156	ng/ul	98
83) Benzo(a)anthracene	21.31	228	64712	4.034	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	19572	2.640	ng/ul	99
85) Chrysene	21.36	228	65038	4.270	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	36205	2.524	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	72049	4.060	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	70964	4.113	ng/ul	99
91) Benzo(a)pyrene	23.50	252	73692	4.256	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	90765	4.128	ng/ul	99
93) Dibenzo(a,h)anthracene	25.90	278	77095	4.214	ng/ul	98
94) Benzo(g,h,i)perylene	26.59	276	77258	4.192	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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