Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004635.D
Acq On : 07 Mar 2019 13:42
Operator : JU/SJ
Sample : SSTD08020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08020

Manual Integrations APPROVED
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3/8/2019 3:59:15 PM

Quant Time: Mar 07 14:52:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 07 14:38:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	33818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	160905	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	97018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	225294	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	230110	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	200291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	19711	35.04	ng/uL	0.00
5) Phenol-d5	6.89	99	231598	76.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	117941	77.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	203154	83.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	202608	78.21	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	103492	97.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	121046	108.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	221404	87.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	262653	94.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	655431	79.66	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	795643	81.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	127940	81.23	ng/ul	0.02
58) Fluorene-d10	15.36	176	544223	75.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	132078	100.53	ng/ul	0.02
71) Anthracene-d10	17.22	188	842999	78.07	ng/ul	0.00
79) Pyrene-d10	19.52	212	934028	90.56	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.43	264	872468	83.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	21339	30.831	ng/uL	97
4) Benzaldehyde	6.88	77	145268	83.963	ng/ul	99
6) Phenol	6.92	94	236017	78.430	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	170283	79.105	ng/ul	99
10) 2-Chlorophenol	7.29	128	203757	83.735	ng/ul	99
11) 2-Methylphenol	8.16	108	189353	78.671	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.25	45	192539	75.466	ng/ul	100
14) Acetophenone	8.55	105	290064	75.134	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	136252	82.270	ng/ul	99
16) 4-Methylphenol	8.50	108	209780	78.745	ng/ul	95
17) Hexachloroethane	8.79	117	74951	87.973	ng/ul	100
20) Nitrobenzene	8.93	77	205126	88.017	ng/ul	98
21) Isophorone	9.46	82	414544	86.832	ng/ul	99
23) 2-Nitrophenol	9.63	139	125469	100.596	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	235780	83.805	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	249718	80.613	ng/ul	100
27) 2,4-Dichlorophenol	10.16	162	214791	86.296	ng/ul	99
28) Naphthalene	10.56	128	649279	78.263	ng/ul	100
30) 4-Chloroaniline	10.68	127	263376	94.378	ng/ul	100
31) Hexachlorobutadiene	10.83	225	138582	86.119	ng/ul	99
32) Caprolactam	11.49	113	73106m	86.983	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	225678	84.069	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	479956	75.421	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	453226	72.221	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	276483	85.606	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	197668	98.438	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	185690	97.305	ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	202279	94.355	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	633167	80.770	ng/ul	99
42) 2-Chloronaphthalene	13.24	162	491322	80.577	ng/ul	99
43) 2-Nitroaniline	13.46	65	130603	104.926	ng/ul	98
45) Dimethylphthalate	13.83	163	638264	78.470	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	143716	100.217	ng/ul	98
48) Acenaphthylene	14.09	152	766543	82.818	ng/ul	99
49) 3-Nitroaniline	14.29	138	132052	90.226	ng/ul	96
50) Acenaphthene	14.43	153	518042	77.697	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	98109	109.965	ng/ul	99
53) 4-Nitrophenol	14.60	109	94109	80.350	ng/ul	96
54) Dibenzofuran	14.77	168	738495	76.572	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	202888	90.187	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.99	232	187253	95.732	ng/ul	99
57) Diethylphthalate	15.20	149	647605	80.682	ng/ul	99
59) Fluorene	15.42	166	582132	74.484	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	315569	76.305	ng/ul	99
61) 4-Nitroaniline	15.47	138	153274	80.468	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.52	198	137532	99.573	ng/ul	99
65) N-Nitrosodiphenylamine	15.63	169	527530	81.761	ng/ul	99
66) 4-Bromophenyl-phenylether	16.31	248	223181	88.656	ng/ul	97
67) Hexachlorobenzene	16.42	284	253140	85.848	ng/ul	97
68) Atrazine	16.59	200	212248	85.412	ng/ul	99
69) Pentachlorophenol	16.76	266	168648	98.119	ng/ul	100
70) Phenanthrene	17.16	178	959456	76.756	ng/ul	99
72) Anthracene	17.26	178	970589	77.124	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	273935	88.645	ng/uL	99
74) Pentachlorobenzene	14.68	250	285354	86.392	ng/uL	99
75) Carbazole	17.53	167	872153	77.567	ng/ul	99
76) Di-n-butylphthalate	18.07	149	1078659	87.384	ng/ul	99
77) Fluoranthene	19.18	202	1139504	74.050	ng/ul	98
80) Pyrene	19.55	202	1135228	89.210	ng/ul	96
81) Butylbenzylphthalate	20.45	149	495340	113.276	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.24	252	445966	92.400	ng/ul	98
83) Benzo(a)anthracene	21.30	228	1136863	80.161	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	690844	105.405	ng/ul	99
85) Chrysene	21.36	228	1029120	76.439	ng/ul	98
87) Di-n-octyl phthalate	22.10	149	1132228	118.069	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	999048	84.224	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	999579	86.683	ng/ul	99
91) Benzo(a)pyrene	23.49	252	932970	80.607	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	1023507	69.643	ng/ul	99
93) Dibenzo(a,h)anthracene	25.88	278	855578	69.973	ng/ul	99
94) Benzo(g,h,i)perylene	26.57	276	834985	67.790	ng/ul	100

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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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