Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002256.D
Acq On : 08 Aug 2018 17:45
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
8/9/2018 4:40:35 PM

Quant Time: Aug 09 04:01:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	286757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1196904	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	595365	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1093204	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	962231	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1013942	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	48370	7.61	ng/uL	0.00
5) Phenol-d5	6.87	99	498963	18.48	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	318653	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	407794	19.12	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	386379	17.76	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	198209	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	214817	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	379868	18.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	498222	21.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	955947	18.94	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1268576	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	147987	15.35	ng/ul	0.00
57) Fluorene-d10	15.32	176	808351	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	129873	18.24	ng/ul	0.00
70) Anthracene-d10	17.16	188	1083502	20.33	ng/ul	0.00
78) Pyrene-d10	19.46	212	1034794	20.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1092699	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	50153	7.862	ng/uL	92
4) Benzaldehyde	6.84	77	339200	21.176	ng/ul	96
6) Phenol	6.89	94	502945	18.546	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.12	93	397036	19.201	ng/ul#	86
10) 2-Chlorophenol	7.26	128	404429	19.010	ng/ul#	90
11) 2-Methylphenol	8.13	108	377891	18.118	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.21	45	638369	18.779	ng/ul#	86
14) Acetophenone	8.50	105	606624	18.375	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.49	70	319757	17.675	ng/ul#	85
16) 4-Methylphenol	8.46	108	404596	17.878	ng/ul	99
17) Hexachloroethane	8.75	117	169703	20.180	ng/ul	99
20) Nitrobenzene	8.88	77	472116	20.686	ng/ul	95
21) Isophorone	9.40	82	837567	18.341	ng/ul	98
23) 2-Nitrophenol	9.58	139	220458	19.198	ng/ul#	90
24) 2,4-Dimethylphenol	9.65	107	440089	19.142	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	517370	18.820	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	365668	18.767	ng/ul	100
28) Naphthalene	10.51	128	1263787	19.986	ng/ul	99
30) 4-Chloroaniline	10.62	127	486695	21.235	ng/ul	99
31) Hexachlorobutadiene	10.79	225	242148	20.971	ng/ul	99
32) Caprolactam	11.38	113	101653m	14.037	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	370404	16.901	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	857125	18.584	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	429453	22.245 ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	241735	19.740 ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	264181	19.908 ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	259917	18.542 ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1060653	21.407 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	822573	21.351 ng/ul	96
42) 2-Nitroaniline	13.40	65	235865	19.041 ng/ul	84
44) Dimethylphthalate	13.78	163	927016	18.753 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	193658	18.536 ng/ul	95
47) Acenaphthylene	14.04	152	1231340	20.430 ng/ul	100
48) 3-Nitroaniline	14.23	138	192703	18.712 ng/ul	91
49) Acenaphthene	14.38	153	834138	20.052 ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	80583	13.112 ng/ul#	1
52) 4-Nitrophenol	14.55	109	109687	16.278 ng/ul#	80
53) Dibenzofuran	14.72	168	1131380	19.249 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	257374	16.985 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.95	232	210193	17.077 ng/ul	96
56) Diethylphthalate	15.15	149	893386	17.799 ng/ul	99
58) Fluorene	15.37	166	885005	18.860 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	439729	18.867 ng/ul	94
60) 4-Nitroaniline	15.39	138	192651	16.158 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	136283	18.486 ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	736875	22.038 ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	256533	21.326 ng/ul	92
66) Hexachlorobenzene	16.37	284	276428	20.766 ng/ul	97
67) Atrazine	16.54	200	242584	20.106 ng/ul	96
68) Pentachlorophenol	16.72	266	136493	18.026 ng/ul	99
69) Phenanthrene	17.11	178	1257942	20.490 ng/ul	99
71) Anthracene	17.20	178	1284935	20.550 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	433087	26.569 ng/uL	98
73) Pentachlorobenzene	14.64	250	361306	23.696 ng/uL	98
74) Carbazole	17.47	167	1083810	20.492 ng/ul	99
75) Di-n-butylphthalate	18.04	149	1345558	19.241 ng/ul	100
76) Fluoranthene	19.13	202	1308375	20.082 ng/ul	99
79) Pyrene	19.49	202	1304092	21.121 ng/ul	98
80) Butylbenzylphthalate	20.40	149	556606	18.979 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	412594	20.222 ng/ul	99
82) Benzo(a)anthracene	21.25	228	1232952	20.117 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	809538	19.495 ng/ul	98
84) Chrysene	21.30	228	1156624	20.248 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1356823	20.375 ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	1218347	19.523 ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1198229	20.211 ng/ul	100
90) Benzo(a)pyrene	23.39	252	1191832	20.099 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1428459	20.840 ng/ul	98
92) Dibenzo(a,h)anthracene	25.72	278	1186708	20.687 ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	1198592	20.810 ng/ul	96

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

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