Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005283.D
Acq On : 25 Apr 2019 10:53
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02075

Manual Integrations APPROVED
Sohil
4/26/2019 11:25:35 PM

Quant Time: Apr 26 04:03:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	631242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2603980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1520734	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3181172	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2394976	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2527852	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	91930	7.03	ng/uL	0.00
5) Phenol-d5	6.78	99	958957	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	560386	18.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	762534	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	758779	19.58	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	376689	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	416767	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	788211	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	862819	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2225601	20.16	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2766538	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	351009	20.14	ng/ul	0.00
57) Fluorene-d10	15.23	176	1855314	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	297311	20.78	ng/ul	0.00
70) Anthracene-d10	17.08	188	2656281	19.92	ng/ul	0.00
78) Pyrene-d10	19.39	212	2590494	21.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	2294783	20.77	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	96443	6.859	ng/uL	96
4) Benzaldehyde	6.75	77	674477	19.198	ng/ul	99
6) Phenol	6.80	94	989803	19.410	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	763147	18.690	ng/ul	95
10) 2-Chlorophenol	7.16	128	779177	19.864	ng/ul	96
11) 2-Methylphenol	8.03	108	741025	19.392	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	1168787	17.048	ng/ul	98
14) Acetophenone	8.40	105	1200045	19.348	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	605464	18.249	ng/ul	95
16) 4-Methylphenol	8.36	108	800496	19.397	ng/ul	98
17) Hexachloroethane	8.66	117	317129	18.618	ng/ul	92
20) Nitrobenzene	8.78	77	900166	20.408	ng/ul	94
21) Isophorone	9.30	82	1703912	19.511	ng/ul	100
23) 2-Nitrophenol	9.48	139	440192	23.908	ng/ul	99
24) 2,4-Dimethylphenol	9.55	107	870476	18.882	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	1044149	19.025	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	770904	20.973	ng/ul	98
28) Naphthalene	10.40	128	2431556	20.086	ng/ul	99
30) 4-Chloroaniline	10.52	127	859816	21.978	ng/ul	99
31) Hexachlorobutadiene	10.70	225	534054	20.575	ng/ul	98
32) Caprolactam	11.27	113	242010m	21.761	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	837743	20.241	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	1764857	19.911	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	993564	21.111 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	510812	15.919 ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	628785	22.157 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	667932	21.903 ng/ul	98
40) 1,1'-Biphenyl	13.06	154	2288898	20.201 ng/ul	97
41) 2-Chloronaphthalene	13.09	162	1765460	20.259 ng/ul	97
42) 2-Nitroaniline	13.30	65	529225	22.896 ng/ul	90
44) Dimethylphthalate	13.70	163	2204890	20.045 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	453216	23.862 ng/ul	92
47) Acenaphthylene	13.95	152	2680068	20.114 ng/ul	99
48) 3-Nitroaniline	14.13	138	406399	23.016 ng/ul	96
49) Acenaphthene	14.29	153	1817083	19.975 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	239023	25.835 ng/ul	92
52) 4-Nitrophenol	14.45	109	291460	18.421 ng/ul	90
53) Dibenzofuran	14.63	168	2611946	19.943 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	633506	23.137 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.86	232	560249	22.084 ng/ul	97
56) Diethylphthalate	15.07	149	2210696	20.043 ng/ul	98
58) Fluorene	15.29	166	2028150	19.845 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	1088475	20.078 ng/ul	98
60) 4-Nitroaniline	15.30	138	460860	20.936 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.37	198	307276	20.179 ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	1808422	20.771 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	691372	21.573 ng/ul	98
66) Hexachlorobenzene	16.29	284	718009	21.040 ng/ul	94
67) Atrazine	16.46	200	677079	20.889 ng/ul	100
68) Pentachlorophenol	16.63	266	418988	20.968 ng/ul	98
69) Phenanthrene	17.03	178	3059945	19.751 ng/ul	100
71) Anthracene	17.12	178	3110273	19.707 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	1004296	21.614 ng/uL	97
73) Pentachlorobenzene	14.55	250	895877	21.422 ng/uL	99
74) Carbazole	17.39	167	2602258	19.194 ng/ul	100
75) Di-n-butylphthalate	17.97	149	3650386	21.459 ng/ul	100
76) Fluoranthene	19.06	202	3287477	19.131 ng/ul	98
79) Pyrene	19.42	202	3208727	20.808 ng/ul	99
80) Butylbenzylphthalate	20.36	149	1448068	23.718 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.14	252	964780	20.162 ng/ul#	99
82) Benzo(a)anthracene	21.20	228	2991321	20.077 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	2071560	22.035 ng/ul	98
84) Chrysene	21.25	228	2749675	19.885 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	3430785	22.159 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2835365	19.954 ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	2806261	20.678 ng/ul	99
90) Benzo(a)pyrene	23.33	252	2743829	20.543 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	3129636	21.193 ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	2645693	21.111 ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	2543030	20.827 ng/ul	98

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

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