Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116271.D
Acq On : 15 Aug 2019 11:32
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/20/2019 8:36:25 AM

Quant Time: Aug 15 15:05:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150068	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	616076	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	337196	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	591619	20.00	ng		-0.03
76) Chrysene-d12	13.99	240	440174	20.00	ng		-0.02
87) Perylene-d12	15.43	264	473855	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	782045	87.24	ng		-0.03
7) Phenol-d6	6.46	99	951254	84.11	ng		-0.02
23) Nitrobenzene-d5	7.39	82	869833	81.50	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	276144	84.47	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1400117	77.77	ng		-0.03
79) Terphenyl-d14	12.92	244	1640848	78.55	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	185900	41.050	ng		99
3) Pyridine	3.28	79	477549	37.749	ng		99
4) n-Nitrosodimethylamine	3.24	42	185681m	37.193	ng		
6) Aniline	6.49	93	642631	39.675	ng		94
8) 2-Chlorophenol	6.61	128	436072	43.991	ng		99
9) Benzaldehyde	6.37	77	298290	38.224	ng		99
10) Phenol	6.47	94	552538	41.486	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	422271	43.124	ng		98
12) 1,3-Dichlorobenzene	6.76	146	477865	41.713	ng		97
13) 1,4-Dichlorobenzene	6.83	146	486242	42.390	ng		100
14) 1,2-Dichlorobenzene	6.99	146	443848	42.023	ng		100
15) Benzyl Alcohol	6.97	79	338041	39.384	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	550171	41.192	ng		89
17) 2-Methylphenol	7.08	107	355114	42.308	ng		99
18) Hexachloroethane	7.33	117	178707	42.315	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	286256	40.844	ng		99
20) 3+4-Methylphenols	7.23	107	422601	42.546	ng	#	89
22) Acetophenone	7.23	105	550524	40.745	ng		99
24) Nitrobenzene	7.40	77	486542	42.219	ng		98
25) Isophorone	7.65	82	880215	43.130	ng		100
26) 2-Nitrophenol	7.72	139	239250	44.042	ng		96
27) 2,4-Dimethylphenol	7.76	122	340861	41.706	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	544065	43.011	ng		99
29) 2,4-Dichlorophenol	7.97	162	379818	44.014	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	411888	41.872	ng		99
31) Naphthalene	8.12	128	1219663	42.070	ng		99
32) Benzoic acid	7.92	122	223997	38.874	ng		98
33) 4-Chloroaniline	8.17	127	523415	40.407	ng		98
34) Hexachlorobutadiene	8.24	225	235168	41.506	ng		99
35) Caprolactam	8.56	113	121393m	43.495	ng		
36) 4-Chloro-3-methylphenol	8.66	107	394729	43.969	ng		100
37) 2-Methylnaphthalene	8.81	142	798205	41.806	ng		100
38) 1-Methylnaphthalene	8.91	142	757934	41.961	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	374302	41.522	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	132061	36.139	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	243260	39.205	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	254995	39.756	ng		97
46) 1,1'-Biphenyl	9.27	154	972376	40.846	ng		99
47) 2-Chloronaphthalene	9.30	162	791891	39.967	ng		99
48) 2-Nitroaniline	9.40	65	266457	40.686	ng		96
49) Acenaphthylene	9.72	152	1173409	40.594	ng		99
50) Dimethylphthalate	9.57	163	948620	41.318	ng		100
51) 2,6-Dinitrotoluene	9.65	165	208495	41.787	ng		93
52) Acenaphthene	9.89	154	718073	40.492	ng		99
53) 3-Nitroaniline	9.82	138	251959	40.869	ng		99
54) 2,4-Dinitrophenol	9.94	184	83420	37.475	ng		99
55) Dibenzofuran	10.06	168	998751	38.728	ng		99
56) 4-Nitrophenol	9.99	139	153754	38.931	ng		94
57) 2,4-Dinitrotoluene	10.06	165	255632	38.481	ng		94
58) Fluorene	10.40	166	827966	41.729	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	210673	39.041	ng		96
60) Diethylphthalate	10.27	149	897424	41.866	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	419288	41.725	ng		97
62) 4-Nitroaniline	10.44	138	245546	38.540	ng		99
63) Azobenzene	10.55	77	918849	41.676	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	137896	43.983	ng		99
66) n-Nitrosodiphenylamine	10.51	169	745783	41.881	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	264766	41.806	ng		97
68) Hexachlorobenzene	10.96	284	300369	41.015	ng		99
69) Atrazine	11.04	200	197430	33.701	ng		98
70) Pentachlorophenol	11.16	266	142199	39.994	ng		98
71) Phenanthrene	11.36	178	1245448	41.179	ng		99
72) Anthracene	11.42	178	1268007	41.426	ng		99
73) Carbazole	11.57	167	1191419	42.903	ng		100
74) Di-n-butylphthalate	11.89	149	1415554	43.697	ng		100
75) Fluoranthene	12.55	202	1330082	42.007	ng		97
77) Benzidine	12.67	184	585428	39.367	ng		98
78) Pyrene	12.79	202	1361296	41.026	ng		99
80) Butylbenzylphthalate	13.39	149	617154	43.970	ng		97
81) Benzo(a)anthracene	13.97	228	1207450	42.917	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	432904	44.290	ng		98
83) Chrysene	14.01	228	1144394	41.898	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	824853	45.224	ng	#	98
85) Di-n-octyl phthalate	14.55	149	1327955	45.838	ng		99
86) Indeno(1,2,3-cd)pyrene	16.91	276	1114268	48.571	ng		100
88) Benzo(b)fluoranthene	15.02	252	1060320	38.699	ng		99
89) Benzo(k)fluoranthene	15.04	252	1076432	40.336	ng		99
90) Benzo(a)pyrene	15.38	252	1010432	41.255	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	926003	43.678	ng		99
92) Benzo(g,h,i)perylene	17.34	276	916105	43.999	ng		98

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

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