Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113548.D
Acq On : 3 Apr 2019 17:10
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF040319

Quant Time: Apr 04 04:08:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132857	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	512408	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	247011	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	477694	20.00	ng		0.00
76) Chrysene-d12	13.84	240	329974	20.00	ng		0.00
87) Perylene-d12	15.25	264	272964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	628362	80.65	ng		0.00
7) Phenol-d6	6.33	99	775345	80.74	ng		0.00
23) Nitrobenzene-d5	7.25	82	705751	80.68	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	241550	81.41	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1314689	85.68	ng		0.00
79) Terphenyl-d14	12.79	244	1370584	84.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	144906	39.269	ng		99
3) Pyridine	3.03	79	378620	39.207	ng		98
4) n-Nitrosodimethylamine	2.97	42	164523	40.098	ng		93
6) Aniline	6.35	93	484908	41.660	ng		90
8) 2-Chlorophenol	6.47	128	365578	40.556	ng		96
9) Benzaldehyde	6.23	77	245351	42.971	ng		99
10) Phenol	6.35	94	447822	40.833	ng		96
11) bis(2-Chloroethyl)ether	6.42	93	340181	39.875	ng		98
12) 1,3-Dichlorobenzene	6.63	146	390198	40.195	ng		97
13) 1,4-Dichlorobenzene	6.70	146	396250	40.393	ng		99
14) 1,2-Dichlorobenzene	6.86	146	364712	41.188	ng		98
15) Benzyl Alcohol	6.83	79	272597	41.984	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	539928	40.660	ng		100
17) 2-Methylphenol	6.96	107	276919	39.641	ng		99
18) Hexachloroethane	7.19	117	143299	40.132	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	235694	39.804	ng		97
20) 3+4-Methylphenols	7.11	107	345192	40.782	ng		98
22) Acetophenone	7.10	105	455709	40.492	ng	#	98
24) Nitrobenzene	7.27	77	367558	40.800	ng		94
25) Isophorone	7.51	82	670726	39.802	ng		98
26) 2-Nitrophenol	7.59	139	198996	41.042	ng		98
27) 2,4-Dimethylphenol	7.63	122	279966	40.390	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	432721	40.616	ng		99
29) 2,4-Dichlorophenol	7.84	162	303891	40.976	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	327438	40.656	ng		98
31) Naphthalene	7.99	128	1014168	40.849	ng		99
32) Benzoic acid	7.79	122	170129	31.696	ng		97
33) 4-Chloroaniline	8.05	127	412921	41.944	ng		98
34) Hexachlorobutadiene	8.11	225	201225	40.981	ng		99
35) Caprolactam	8.43	113	95689	40.646	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	302748	40.665	ng		97
37) 2-Methylnaphthalene	8.68	142	669246	40.985	ng		99
38) 1-Methylnaphthalene	8.78	142	644213	40.915	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	322578	40.380	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	86322	39.091	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	203488	40.354	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	217070	40.097	ng		98
46) 1,1'-Biphenyl	9.15	154	832132	40.825	ng		99
47) 2-Chloronaphthalene	9.17	162	630715	40.869	ng		98
48) 2-Nitroaniline	9.27	65	188864	39.994	ng		98
49) Acenaphthylene	9.59	152	1029777	41.034	ng		100
50) Dimethylphthalate	9.45	163	726479	39.899	ng		99
51) 2,6-Dinitrotoluene	9.52	165	163131	40.645	ng		100
52) Acenaphthene	9.76	154	584456	40.685	ng		100
53) 3-Nitroaniline	9.69	138	183277	40.164	ng		94
54) 2,4-Dinitrophenol	9.80	184	77686	41.372	ng		88
55) Dibenzofuran	9.93	168	863151	40.961	ng		99
56) 4-Nitrophenol	9.87	139	108766	38.424	ng		88
57) 2,4-Dinitrotoluene	9.93	165	199044	41.005	ng	#	92
58) Fluorene	10.27	166	684665	41.080	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	192629	41.107	ng		97
60) Diethylphthalate	10.15	149	702833	40.036	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	339755	41.445	ng		96
62) 4-Nitroaniline	10.30	138	186425	40.176	ng		98
63) Azobenzene	10.42	77	675715	40.652	ng		96
65) 4,6-Dinitro-2-methylphenol	10.34	198	100699	40.042	ng		96
66) n-Nitrosodiphenylamine	10.39	169	606143	41.333	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	221386	41.322	ng		97
68) Hexachlorobenzene	10.83	284	250912	40.873	ng		98
69) Atrazine	10.92	200	189221	40.937	ng		96
70) Pentachlorophenol	11.02	266	110169	38.086	ng		99
71) Phenanthrene	11.23	178	984087	41.458	ng		99
72) Anthracene	11.28	178	1006540	41.678	ng		100
73) Carbazole	11.44	167	931096	41.221	ng		99
74) Di-n-butylphthalate	11.77	149	1099882	40.934	ng		100
75) Fluoranthene	12.42	202	1056174	41.523	ng		100
77) Benzidine	12.54	184	560493	45.677	ng		98
78) Pyrene	12.64	202	1039044	41.384	ng		100
80) Butylbenzylphthalate	13.26	149	403784	39.508	ng		97
81) Benzo(a)anthracene	13.83	228	776601	40.799	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	297229	40.541	ng		99
83) Chrysene	13.87	228	777033	40.270	ng		100
84) Bis(2-ethylhexyl)phthalate	13.82	149	490305	39.679	ng		99
85) Di-n-octyl phthalate	14.43	149	779351	38.801	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	703265	39.475	ng		98
88) Benzo(b)fluoranthene	14.85	252	655880	39.254	ng		99
89) Benzo(k)fluoranthene	14.88	252	633320	42.233	ng		100
90) Benzo(a)pyrene	15.19	252	602822	40.601	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	581337	41.869	ng		99
92) Benzo(g,h,i)perylene	17.02	276	595423	42.015	ng		98

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

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