Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122674.D
Acq On : 12 Dec 2020 12:49
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/21/2020 3:01:01 PM

Quant Time: Dec 13 23:42:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	140546	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	496279	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	249295	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	422059	20.00	ng	0.00
76) Chrysene-d12	14.004	240	305800	20.00	ng	0.00
86) Perylene-d12	15.462	264	283536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	717543	80.83	ng	0.00
7) Phenol-d6	6.475	99	933517	79.29	ng	0.00
23) Nitrobenzene-d5	7.404	82	775481	78.29	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	250686	76.82	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1400859	76.00	ng	0.00
79) Terphenyl-d14	12.945	244	1438144	82.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	169729	40.68	ng	97
3) Pyridine	3.322	79	441513	40.03	ng	98
4) n-Nitrosodimethylamine	3.275	42	163877	37.05	ng	99
6) Aniline	6.498	93	548496	39.58	ng	100
8) 2-Chlorophenol	6.628	128	386803	39.53	ng	95
9) Benzaldehyde	6.387	77	291623	40.92	ng	99
10) Phenol	6.487	94	484129	39.68	ng	93
11) bis(2-Chloroethyl)ether	6.575	93	363131	38.96	ng	100
12) 1,3-Dichlorobenzene	6.781	146	451750	39.02	ng	99
13) 1,4-Dichlorobenzene	6.857	146	459309	39.34	ng	99
14) 1,2-Dichlorobenzene	7.010	146	421171	37.37	ng	99
15) Benzyl Alcohol	6.981	79	312739	38.58	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	488666	36.77	ng	99
17) 2-Methylphenol	7.092	107	311914	40.10	ng	99
18) Hexachloroethane	7.351	117	161791	38.89	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	246538	36.56	ng	98
20) 3+4-Methylphenols	7.245	107	370884	37.74	ng	99
22) Acetophenone	7.251	105	483363	39.17	ng	98
24) Nitrobenzene	7.422	77	389532	39.53	ng	99
25) Isophorone	7.663	82	642359	37.65	ng	99
26) 2-Nitrophenol	7.739	139	197909	41.18	ng	92
27) 2,4-Dimethylphenol	7.775	122	279445	39.67	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	451133	38.61	ng	99
29) 2,4-Dichlorophenol	7.981	162	324082	39.40	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	365143	39.18	ng	100
31) Naphthalene	8.145	128	1086671	39.68	ng	100
32) Benzoic acid	7.904	122	200257	35.68	ng	96
33) 4-Chloroaniline	8.192	127	450765	39.37	ng	99
34) Hexachlorobutadiene	8.263	225	222660	38.82	ng	100
35) Caprolactam	8.563	113	92295	37.25	ng	100
36) 4-Chloro-3-methylphenol	8.675	107	310515	38.32	ng	99
37) 2-Methylnaphthalene	8.833	142	709148	39.15	ng	99
38) 1-Methylnaphthalene	8.933	142	665448	38.83	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	335112	40.58	ng	99
41) Hexachlorocyclopentadiene	8.992	237	157081	43.03	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	224234	39.32	ng	97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	234546	39.79	ng		96
46) 1,1'-Biphenyl	9.298	154	831639	40.20	ng		99
47) 2-Chloronaphthalene	9.328	162	688766	40.18	ng		97
48) 2-Nitroaniline	9.422	65	196620	39.34	ng		97
49) Acenaphthylene	9.739	152	1011111	39.93	ng		100
50) Dimethylphthalate	9.598	163	759655	38.16	ng		99
51) 2,6-Dinitrotoluene	9.663	165	165724	39.41	ng		98
52) Acenaphthene	9.910	154	676097m	41.27	ng		
53) 3-Nitroaniline	9.833	138	190080	39.12	ng		99
54) 2,4-Dinitrophenol	9.939	184	114024	55.46	ng		97
55) Dibenzofuran	10.086	168	901982	39.14	ng		96
56) 4-Nitrophenol	9.992	139	125524	36.23	ng		98
57) 2,4-Dinitrotoluene	10.069	165	216289	38.62	ng	#	88
58) Fluorene	10.428	166	680593	37.13	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	197058	38.05	ng		100
60) Diethylphthalate	10.298	149	713814	36.86	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	344036	38.12	ng		99
62) 4-Nitroaniline	10.445	138	188529	38.23	ng		91
63) Azobenzene	10.575	77	666002	37.42	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	102481	39.82	ng		100
66) n-Nitrosodiphenylamine	10.533	169	606645	40.68	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	233975	40.91	ng		97
68) Hexachlorobenzene	10.975	284	254040	40.18	ng		99
69) Atrazine	11.063	200	180270	37.22	ng		98
70) Pentachlorophenol	11.169	266	126201	37.67	ng		98
71) Phenanthrene	11.386	178	989978	39.47	ng		99
72) Anthracene	11.439	178	995345	40.02	ng		99
73) Carbazole	11.592	167	885990	39.28	ng		99
74) Di-n-butylphthalate	11.922	149	1057756	37.32	ng		99
75) Fluoranthene	12.574	202	978924	37.22	ng		100
77) Benzidine	12.698	184	311326	47.07	ng		100
78) Pyrene	12.804	202	990427	41.89	ng		99
80) Butylbenzylphthalate	13.421	149	399028	37.47	ng		98
81) Benzo(a)anthracene	13.992	228	814823	39.87	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	285724	39.04	ng		99
83) Chrysene	14.033	228	806034	39.63	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	526243	36.08	ng		100
85) Di-n-octyl phthalate	14.592	149	831321	34.36	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	827451	44.46	ng		100
88) Benzo(b)fluoranthene	15.039	252	772986	38.86	ng		99
89) Benzo(k)fluoranthene	15.068	252	719619	39.56	ng		99
90) Benzo(a)pyrene	15.404	252	696318	40.01	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	677804	44.50	ng		98
92) Benzo(g,h,i)perylene	17.362	276	683952	46.39	ng		99

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

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