Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122257.D
Acq On : 4 Nov 2020 11:38
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/5/2020 11:32:39 AM

Quant Time: Nov 04 13:03:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	93171	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	348450	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	181491	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	338938	20.00	ng		0.00
76) Chrysene-d12	13.886	240	254795	20.00	ng		0.00
86) Perylene-d12	15.327	264	205052	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	514303	81.47	ng		0.00
7) Phenol-d6	6.375	99	629532	77.47	ng		0.00
23) Nitrobenzene-d5	7.286	82	558734	82.23	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	185075	82.44	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	949399	76.97	ng		0.00
79) Terphenyl-d14	12.821	244	1092948	81.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.357	88	103986	37.45	ng		99
3) Pyridine	3.081	79	264170	36.19	ng		96
4) n-Nitrosodimethylamine	3.051	42	140441	39.80	ng		92
6) Aniline	6.381	93	382947	38.27	ng	#	70
8) 2-Chlorophenol	6.510	128	253845	39.78	ng		96
9) Benzaldehyde	6.275	77	176686	39.25	ng		97
10) Phenol	6.386	94	319854	38.14	ng	#	73
11) bis(2-Chloroethyl)ether	6.451	93	253423	39.09	ng		98
12) 1,3-Dichlorobenzene	6.651	146	281564	39.23	ng		98
13) 1,4-Dichlorobenzene	6.728	146	283115	39.29	ng		99
14) 1,2-Dichlorobenzene	6.880	146	255438	38.78	ng		98
15) Benzyl Alcohol	6.875	79	231210	43.99	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.986	45	389007	38.99	ng		66
17) 2-Methylphenol	6.992	107	211636	38.79	ng	#	84
18) Hexachloroethane	7.210	117	103949	39.94	ng		99
19) n-Nitroso-di-n-propyla...	7.139	70	196293	42.42	ng		99
20) 3+4-Methylphenols	7.151	107	284948	43.32	ng	#	62
22) Acetophenone	7.133	105	374311	41.75	ng	#	89
24) Nitrobenzene	7.304	77	299379	41.22	ng		97
25) Isophorone	7.545	82	515003	40.09	ng		99
26) 2-Nitrophenol	7.622	139	135660	40.56	ng		90
27) 2,4-Dimethylphenol	7.669	122	225860	39.62	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	318009	39.56	ng		99
29) 2,4-Dichlorophenol	7.880	162	214886	40.25	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	219982	38.75	ng		98
31) Naphthalene	8.016	128	736964	39.48	ng		100
32) Benzoic acid	7.857	122	95201	32.22	ng		99
33) 4-Chloroaniline	8.080	127	326878	41.11	ng		98
34) Hexachlorobutadiene	8.127	225	135394	40.22	ng		98
35) Caprolactam	8.469	113	67014m	39.52	ng		
36) 4-Chloro-3-methylphenol	8.580	107	243448	42.46	ng		98
37) 2-Methylnaphthalene	8.710	142	478159	39.55	ng		99
38) 1-Methylnaphthalene	8.804	142	442103	39.49	ng		100
40) 1,2,4,5-Tetrachloroben...	8.874	216	232254	39.65	ng		100
41) Hexachlorocyclopentadiene	8.851	237	32179	31.77	ng		97
43) 2,4,6-Trichlorophenol	9.004	196	138156	38.23	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	134523	34.46	ng		97
46) 1,1'-Biphenyl	9.169	154	589278	39.93	ng		99
47) 2-Chloronaphthalene	9.198	162	456755	39.80	ng		99
48) 2-Nitroaniline	9.316	65	164553	43.47	ng		99
49) Acenaphthylene	9.610	152	696794	39.53	ng		99
50) Dimethylphthalate	9.480	163	519694	39.16	ng		99
51) 2,6-Dinitrotoluene	9.551	165	117795	40.46	ng	#	84
52) Acenaphthene	9.780	154	415042	39.59	ng		98
53) 3-Nitroaniline	9.727	138	133351	40.28	ng		93
54) 2,4-Dinitrophenol	9.869	184	54583	41.44	ng	#	85
55) Dibenzofuran	9.957	168	619527	40.41	ng		93
56) 4-Nitrophenol	9.927	139	81237m	45.11	ng		
57) 2,4-Dinitrotoluene	9.969	165	159908	44.62	ng		96
58) Fluorene	10.298	166	502533	40.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	128654	42.60	ng		97
60) Diethylphthalate	10.174	149	521460	40.75	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	241884	40.83	ng		96
62) 4-Nitroaniline	10.351	138	127268	38.48	ng		86
63) Azobenzene	10.451	77	553718	40.92	ng		97
65) 4,6-Dinitro-2-methylph...	10.386	198	80698	36.68	ng		97
66) n-Nitrosodiphenylamine	10.410	169	455943	39.05	ng		98
67) 4-Bromophenyl-phenylether	10.774	248	156673	40.01	ng		98
68) Hexachlorobenzene	10.851	284	180531	40.73	ng	#	92
69) Atrazine	10.939	200	113818	39.87	ng		99
70) Pentachlorophenol	11.068	266	63591	40.81	ng		97
71) Phenanthrene	11.263	178	737350	39.68	ng		100
72) Anthracene	11.316	178	769420	39.92	ng		99
73) Carbazole	11.480	167	699051	40.79	ng		100
74) Di-n-butylphthalate	11.792	149	787266	39.93	ng		99
75) Fluoranthene	12.451	202	791354	39.71	ng		99
77) Benzidine	12.586	184	308747	39.31	ng		99
78) Pyrene	12.680	202	797583	41.08	ng		99
80) Butylbenzylphthalate	13.286	149	320635	41.64	ng		95
81) Benzo(a)anthracene	13.874	228	664444	39.80	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	238663	38.53	ng		98
83) Chrysene	13.909	228	649671	39.64	ng		100
84) Bis(2-ethylhexyl)phtha...	13.845	149	415467	39.74	ng		99
85) Di-n-octyl phthalate	14.456	149	678331	40.11	ng		97
87) Indeno(1,2,3-cd)pyrene	16.750	276	538127	40.42	ng		97
88) Benzo(b)fluoranthene	14.915	252	579706	41.82	ng		99
89) Benzo(k)fluoranthene	14.939	252	556720	42.28	ng		100
90) Benzo(a)pyrene	15.268	252	502099	41.94	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	447843	40.85	ng		97
92) Benzo(g,h,i)perylene	17.186	276	430941	39.28	ng		97

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

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