Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122116.D
Acq On : 26 Oct 2020 15:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/27/2020 12:24:58 PM

Quant Time: Oct 26 17:27:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	103458	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	379763	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	199174	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	368160	20.00	ng		0.00
76) Chrysene-d12	13.880	240	273360	20.00	ng		0.00
86) Perylene-d12	15.304	264	215408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	550876	78.59	ng		0.00
7) Phenol-d6	6.369	99	685714	75.99	ng		0.00
23) Nitrobenzene-d5	7.287	82	590795	79.78	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	200339	81.31	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1035666	76.51	ng		0.00
79) Terphenyl-d14	12.816	244	1173598	81.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	118122	38.31	ng		97
3) Pyridine	3.081	79	314910	38.85	ng		98
4) n-Nitrosodimethylamine	3.046	42	152377	38.89	ng		95
6) Aniline	6.381	93	416403	37.47	ng	#	39
8) 2-Chlorophenol	6.504	128	276125	38.97	ng		99
9) Benzaldehyde	6.269	77	197135	39.54	ng		99
10) Phenol	6.381	94	355209	38.14	ng	#	73
11) bis(2-Chloroethyl)ether	6.457	93	281436	39.09	ng		99
12) 1,3-Dichlorobenzene	6.657	146	307984	38.65	ng		97
13) 1,4-Dichlorobenzene	6.734	146	312821	39.10	ng		99
14) 1,2-Dichlorobenzene	6.887	146	284441	38.89	ng		99
15) Benzyl Alcohol	6.869	79	237633	40.72	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.992	45	419368	37.85	ng	#	41
17) 2-Methylphenol	6.987	107	224803	37.11	ng	#	91
18) Hexachloroethane	7.222	117	113978	39.44	ng		95
19) n-Nitroso-di-n-propyla...	7.140	70	204717	39.85	ng		98
20) 3+4-Methylphenols	7.145	107	292741	40.08	ng	#	66
22) Acetophenone	7.134	105	387546	39.66	ng	#	90
24) Nitrobenzene	7.304	77	313640	39.63	ng		97
25) Isophorone	7.545	82	558423	39.88	ng		99
26) 2-Nitrophenol	7.622	139	146149	40.10	ng		93
27) 2,4-Dimethylphenol	7.669	122	240135	38.65	ng		100
28) bis(2-Chloroethoxy)met...	7.751	93	345655	39.46	ng		99
29) 2,4-Dichlorophenol	7.869	162	236128	40.58	ng		99
30) 1,2,4-Trichlorobenzene	7.945	180	243122	39.30	ng		99
31) Naphthalene	8.022	128	795402	39.10	ng		100
32) Benzoic acid	7.828	122	115514	35.00	ng		94
33) 4-Chloroaniline	8.081	127	347054	40.05	ng		98
34) Hexachlorobutadiene	8.134	225	147244	40.14	ng		99
35) Caprolactam	8.463	113	75954m	41.10	ng		
36) 4-Chloro-3-methylphenol	8.575	107	252230	40.36	ng		97
37) 2-Methylnaphthalene	8.710	142	517546	39.28	ng		99
38) 1-Methylnaphthalene	8.810	142	479660	39.31	ng		100
40) 1,2,4,5-Tetrachloroben...	8.881	216	249069	38.74	ng		100
41) Hexachlorocyclopentadiene	8.857	237	45630	36.90	ng		100
43) 2,4,6-Trichlorophenol	8.998	196	157113	39.61	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	162154	37.86	ng		97
46) 1,1'-Biphenyl	9.175	154	630686	38.94	ng		98
47) 2-Chloronaphthalene	9.198	162	488485	38.79	ng		100
48) 2-Nitroaniline	9.310	65	170172	40.96	ng		97
49) Acenaphthylene	9.616	152	738061	38.16	ng		99
50) Dimethylphthalate	9.481	163	570730	39.19	ng		99
51) 2,6-Dinitrotoluene	9.551	165	128600	40.25	ng		90
52) Acenaphthene	9.786	154	446911	38.84	ng		98
53) 3-Nitroaniline	9.722	138	143064	39.37	ng		99
54) 2,4-Dinitrophenol	9.845	184	47577	34.70	ng	#	86
55) Dibenzofuran	9.957	168	654633	38.91	ng		98
56) 4-Nitrophenol	9.910	139	82123	41.55	ng		89
57) 2,4-Dinitrotoluene	9.963	165	159995	40.68	ng		97
58) Fluorene	10.298	166	532537	39.28	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	132095	39.86	ng		99
60) Diethylphthalate	10.175	149	572587	40.77	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	260936	40.14	ng		93
62) 4-Nitroaniline	10.339	138	134482	37.05	ng		94
63) Azobenzene	10.451	77	594944	40.06	ng		98
65) 4,6-Dinitro-2-methylph...	10.375	198	89374	37.32	ng		99
66) n-Nitrosodiphenylamine	10.410	169	498123	39.28	ng		99
67) 4-Bromophenyl-phenylether	10.775	248	170151	40.00	ng		93
68) Hexachlorobenzene	10.851	284	192159	39.91	ng		93
69) Atrazine	10.939	200	127244	41.03	ng		99
70) Pentachlorophenol	11.057	266	55327	34.27	ng		97
71) Phenanthrene	11.263	178	790341	39.15	ng		100
72) Anthracene	11.316	178	824187	39.37	ng		99
73) Carbazole	11.475	167	728041	39.11	ng		99
74) Di-n-butylphthalate	11.792	149	872121	40.72	ng		99
75) Fluoranthene	12.451	202	849954	39.27	ng		97
77) Benzidine	12.574	184	298120	35.37	ng		99
78) Pyrene	12.680	202	857224	41.15	ng		99
80) Butylbenzylphthalate	13.292	149	351477	42.55	ng		95
81) Benzo(a)anthracene	13.869	228	710941	39.69	ng		99
82) 3,3'-Dichlorobenzidine	13.827	252	261534	39.36	ng		98
83) Chrysene	13.904	228	683926	38.89	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	473943	42.26	ng		99
85) Di-n-octyl phthalate	14.457	149	744468	41.04	ng		100
87) Indeno(1,2,3-cd)pyrene	16.715	276	575086	41.12	ng		99
88) Benzo(b)fluoranthene	14.898	252	591343	40.61	ng		99
89) Benzo(k)fluoranthene	14.927	252	610613	44.15	ng		100
90) Benzo(a)pyrene	15.251	252	525395	41.78	ng		100
91) Dibenzo(a,h)anthracene	16.715	278	474346	41.19	ng		99
92) Benzo(g,h,i)perylene	17.133	276	484783	42.06	ng		99

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

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