Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
Data File : BF122783.D
Acq On : 18 Dec 2020 13:37
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/21/2020 10:42:25 AM

Quant Time: Dec 18 14:24:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	181894	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	676755	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	366045	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	680240	20.00	ng		0.00
76) Chrysene-d12	13.986	240	547901	20.00	ng		0.00
86) Perylene-d12	15.439	264	524950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	858117	74.69	ng		0.00
7) Phenol-d6	6.457	99	1130545	74.19	ng		0.00
23) Nitrobenzene-d5	7.392	82	1192275	88.27	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	369984	77.22	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2078623	76.81	ng		0.00
79) Terphenyl-d14	12.933	244	2508938	80.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	209977	38.88	ng		99
3) Pyridine	3.299	79	554968	38.88	ng		98
4) n-Nitrosodimethylamine	3.263	42	207789	36.30	ng		97
6) Aniline	6.487	93	693503	38.66	ng		98
8) 2-Chlorophenol	6.604	128	486357	38.41	ng		98
9) Benzaldehyde	6.369	77	355745	38.57	ng		99
10) Phenol	6.469	94	591354	37.45	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	468051	38.80	ng		99
12) 1,3-Dichlorobenzene	6.763	146	564964	37.70	ng		99
13) 1,4-Dichlorobenzene	6.840	146	568410	37.62	ng		99
14) 1,2-Dichlorobenzene	6.992	146	509911	34.96	ng		99
15) Benzyl Alcohol	6.963	79	387137	36.90	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	619454	36.01	ng		97
17) 2-Methylphenol	7.081	107	403701	40.10	ng		99
18) Hexachloroethane	7.334	117	203864	37.86	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	324250	37.15	ng		99
20) 3+4-Methylphenols	7.234	107	458246	36.03	ng		96
22) Acetophenone	7.234	105	611613	36.35	ng	#	95
24) Nitrobenzene	7.410	77	501840	37.35	ng		95
25) Isophorone	7.645	82	882052	37.91	ng		100
26) 2-Nitrophenol	7.722	139	266144	40.61	ng		94
27) 2,4-Dimethylphenol	7.763	122	370640	38.59	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	596757	37.46	ng		99
29) 2,4-Dichlorophenol	7.963	162	424577	37.85	ng		97
30) 1,2,4-Trichlorobenzene	8.045	180	467703	36.80	ng		99
31) Naphthalene	8.128	128	1391336	37.26	ng		100
32) Benzoic acid	7.904	122	283080	36.99	ng		97
33) 4-Chloroaniline	8.175	127	599007	38.37	ng		99
34) Hexachlorobutadiene	8.245	225	285523	36.50	ng		99
35) Caprolactam	8.563	113	136804	40.49	ng		86
36) 4-Chloro-3-methylphenol	8.663	107	431983	39.09	ng		98
37) 2-Methylnaphthalene	8.816	142	919454	37.22	ng		99
38) 1-Methylnaphthalene	8.916	142	871018	37.27	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	441516	36.42	ng		99
41) Hexachlorocyclopentadiene	8.969	237	243176	45.36	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	302727	36.15	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	311783	36.02	ng	99
46) 1,1'-Biphenyl	9.281	154	1106647	36.43	ng	99
47) 2-Chloronaphthalene	9.310	162	924685	36.74	ng	99
48) 2-Nitroaniline	9.404	65	284131	38.72	ng	93
49) Acenaphthylene	9.722	152	1376934	37.04	ng	100
50) Dimethylphthalate	9.586	163	1127592	38.57	ng	99
51) 2,6-Dinitrotoluene	9.651	165	245765	39.81	ng	96
52) Acenaphthene	9.898	154	899914m	37.41	ng	
53) 3-Nitroaniline	9.816	138	285662	40.04	ng	94
54) 2,4-Dinitrophenol	9.928	184	121525	40.26	ng	92
55) Dibenzofuran	10.069	168	1227227	36.27	ng	98
56) 4-Nitrophenol	9.980	139	189153	37.18	ng	96
57) 2,4-Dinitrotoluene	10.051	165	331903	40.36	ng	98
58) Fluorene	10.410	166	933760	34.70	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	281547	37.02	ng	99
60) Diethylphthalate	10.280	149	1062213	37.36	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	479410	36.18	ng	99
62) 4-Nitroaniline	10.433	138	292809	40.43	ng	96
63) Azobenzene	10.563	77	960818	36.76	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	170148	41.02	ng	97
66) n-Nitrosodiphenylamine	10.522	169	880891	36.65	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	342965	37.21	ng	91
68) Hexachlorobenzene	10.957	284	377251	37.02	ng	100
69) Atrazine	11.045	200	254152	32.56	ng	99
70) Pentachlorophenol	11.151	266	192670	35.69	ng	98
71) Phenanthrene	11.369	178	1463062	36.19	ng	99
72) Anthracene	11.422	178	1454083	36.27	ng	100
73) Carbazole	11.580	167	1347555	37.07	ng	99
74) Di-n-butylphthalate	11.904	149	1634161	35.77	ng	100
75) Fluoranthene	12.557	202	1525435	35.98	ng	99
77) Benzidine	12.680	184	530624	44.77	ng	99
78) Pyrene	12.792	202	1542388	36.41	ng	99
80) Butylbenzylphthalate	13.404	149	698548	36.61	ng	98
81) Benzo(a)anthracene	13.980	228	1378652	37.65	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	512188	39.05	ng	98
83) Chrysene	14.015	228	1349118	37.02	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	930936	35.63	ng	99
85) Di-n-octyl phthalate	14.574	149	1530387	35.31	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1262417	36.64	ng	99
88) Benzo(b)fluoranthene	15.027	252	1427748	38.76	ng	98
89) Benzo(k)fluoranthene	15.051	252	1213230	36.03	ng	100
90) Benzo(a)pyrene	15.386	252	1211807	37.61	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	1042409	36.96	ng	99
92) Benzo(g,h,i)perylene	17.327	276	985873	36.12	ng	99

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

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