Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122738.D
Acq On : 16 Dec 2020 3:57
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:52 AM

Quant Time: Dec 16 04:37:51 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	6.816	152	133312	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	441905	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	204753	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	340384	20.00	ng		0.00
76) Chrysene-d12	13.980	240	288593	20.00	ng		0.00
86) Perylene-d12	15.433	264	328212	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	713096	84.68	ng		0.00
7) Phenol-d6	6.451	99	880794	78.87	ng		0.00
23) Nitrobenzene-d5	7.386	82	718840	81.50	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	210663	78.60	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1223368	80.81	ng		0.00
79) Terphenyl-d14	12.927	244	1263155	76.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	176049	44.48	ng		98
3) Pyridine	3.263	79	439477	42.01	ng		97
4) n-Nitrosodimethylamine	3.216	42	166363	39.66	ng		97
6) Aniline	6.481	93	519842	39.54	ng		98
8) 2-Chlorophenol	6.604	128	373793	40.27	ng		98
9) Benzaldehyde	6.369	77	234558	34.70	ng		97
10) Phenol	6.463	94	462537	39.97	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	349623	39.55	ng		97
12) 1,3-Dichlorobenzene	6.757	146	447425	40.74	ng		97
13) 1,4-Dichlorobenzene	6.839	146	445877	40.27	ng		98
14) 1,2-Dichlorobenzene	6.992	146	413970	38.73	ng		99
15) Benzyl Alcohol	6.963	79	288221	37.48	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	467414	37.08	ng		99
17) 2-Methylphenol	7.075	107	285633	38.71	ng		99
18) Hexachloroethane	7.334	117	158359	40.13	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	216886	33.90	ng		99
20) 3+4-Methylphenols	7.228	107	343313	36.83	ng		94
22) Acetophenone	7.228	105	437317	39.80	ng	#	96
24) Nitrobenzene	7.404	77	355664	40.54	ng		95
25) Isophorone	7.639	82	568125	37.40	ng		100
26) 2-Nitrophenol	7.716	139	182929	42.75	ng		96
27) 2,4-Dimethylphenol	7.757	122	253708	40.45	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	406490	39.07	ng		99
29) 2,4-Dichlorophenol	7.963	162	295363	40.32	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	340164	40.99	ng		100
31) Naphthalene	8.128	128	998167	40.93	ng		99
32) Benzoic acid	7.869	122	171871	34.39	ng		98
33) 4-Chloroaniline	8.175	127	401611	39.40	ng		98
34) Hexachlorobutadiene	8.245	225	210374	41.19	ng		99
35) Caprolactam	8.539	113	75500	34.22	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	272337	37.74	ng		97
37) 2-Methylnaphthalene	8.816	142	622690	38.60	ng		99
38) 1-Methylnaphthalene	8.916	142	584509	38.30	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	301272	44.42	ng		99
41) Hexachlorocyclopentadiene	8.969	237	100152	33.40	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	193439	41.30	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	199690	41.25	ng		97
46) 1,1'-Biphenyl	9.280	154	732526	43.11	ng		98
47) 2-Chloronaphthalene	9.304	162	603188	42.84	ng		98
48) 2-Nitroaniline	9.398	65	163360	39.80	ng		96
49) Acenaphthylene	9.716	152	870454	41.86	ng		99
50) Dimethylphthalate	9.580	163	631351	38.61	ng		99
51) 2,6-Dinitrotoluene	9.639	165	138884	40.21	ng		96
52) Acenaphthene	9.892	154	542290m	40.31	ng		
53) 3-Nitroaniline	9.810	138	157673	39.51	ng		100
54) 2,4-Dinitrophenol	9.916	184	53225	31.52	ng		97
55) Dibenzofuran	10.063	168	775200	40.96	ng		96
56) 4-Nitrophenol	9.969	139	100696	35.39	ng		97
57) 2,4-Dinitrotoluene	10.045	165	177824	38.65	ng	#	87
58) Fluorene	10.404	166	579376	38.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	163403	38.41	ng		100
60) Diethylphthalate	10.275	149	593227	37.30	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	293692	39.63	ng		93
62) 4-Nitroaniline	10.422	138	155257	38.33	ng		93
63) Azobenzene	10.557	77	556130	38.04	ng		95
65) 4,6-Dinitro-2-methylph...	10.451	198	79509	38.31	ng		97
66) n-Nitrosodiphenylamine	10.516	169	500472	41.61	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	196382	42.58	ng		92
68) Hexachlorobenzene	10.957	284	212928	41.76	ng	#	89
69) Atrazine	11.039	200	145116	37.15	ng		98
70) Pentachlorophenol	11.145	266	101949	37.74	ng		98
71) Phenanthrene	11.363	178	838225	41.44	ng		99
72) Anthracene	11.416	178	842293	41.99	ng		99
73) Carbazole	11.569	167	734343	40.37	ng		98
74) Di-n-butylphthalate	11.904	149	872700	38.18	ng		98
75) Fluoranthene	12.551	202	845977	39.88	ng		100
77) Benzidine	12.674	184	320187	51.29	ng		98
78) Pyrene	12.780	202	852642	38.21	ng		99
80) Butylbenzylphthalate	13.398	149	368959	36.71	ng		100
81) Benzo(a)anthracene	13.968	228	780755	40.48	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	286359	41.45	ng		98
83) Chrysene	14.010	228	785516	40.93	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	502721	36.53	ng		99
85) Di-n-octyl phthalate	14.568	149	873270	38.25	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1074582	49.88	ng		100
88) Benzo(b)fluoranthene	15.015	252	858594	37.28	ng		98
89) Benzo(k)fluoranthene	15.045	252	814965	38.71	ng		98
90) Benzo(a)pyrene	15.374	252	815310	40.47	ng		100
91) Dibenzo(a,h)anthracene	16.898	278	871826	49.44	ng		99
92) Benzo(g,h,i)perylene	17.321	276	904157	52.98	ng		99

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

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