Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
Data File : BF122068.D
Acq On : 21 Oct 2020 23:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/22/2020 12:59:42 PM

Quant Time: Oct 22 00:33:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	106735	20.00	ng		0.00
21) Naphthalene-d8	8.010	136	392324	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	201316	20.00	ng		0.00
64) Phenanthrene-d10	11.245	188	334124	20.00	ng		0.00
76) Chrysene-d12	13.886	240	216359	20.00	ng		0.00
86) Perylene-d12	15.315	264	196163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	557617	77.11	ng		0.00
7) Phenol-d6	6.381	99	694783	74.63	ng		0.00
23) Nitrobenzene-d5	7.304	82	605703	79.18	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	185780	74.60	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1053746	77.01	ng		0.00
79) Terphenyl-d14	12.827	244	965965	85.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.352	88	113828	35.79	ng		99
3) Pyridine	3.081	79	316382	37.83	ng		98
4) n-Nitrosodimethylamine	3.040	42	152365	37.69	ng		94
6) Aniline	6.398	93	430509	37.55	ng	#	51
8) 2-Chlorophenol	6.522	128	285296	39.03	ng		96
9) Benzaldehyde	6.281	77	217752	44.07	ng		97
10) Phenol	6.398	94	358961	37.36	ng	#	77
11) bis(2-Chloroethyl)ether	6.469	93	287761	38.74	ng		99
12) 1,3-Dichlorobenzene	6.669	146	315571	38.38	ng		99
13) 1,4-Dichlorobenzene	6.745	146	319706	38.73	ng		99
14) 1,2-Dichlorobenzene	6.898	146	290976	38.56	ng		97
15) Benzyl Alcohol	6.887	79	241498	40.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	442076	38.68	ng		69
17) 2-Methylphenol	6.998	107	234012	37.44	ng	#	91
18) Hexachloroethane	7.234	117	103043	34.56	ng		98
19) n-Nitroso-di-n-propyla...	7.151	70	212494	40.09	ng		99
20) 3+4-Methylphenols	7.157	107	298282	39.58	ng	#	68
22) Acetophenone	7.145	105	404039	40.03	ng	#	90
24) Nitrobenzene	7.322	77	324722	39.71	ng		99
25) Isophorone	7.557	82	579392	40.06	ng		99
26) 2-Nitrophenol	7.634	139	139070	36.93	ng		92
27) 2,4-Dimethylphenol	7.681	122	253407	39.48	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	365259	40.36	ng		99
29) 2,4-Dichlorophenol	7.887	162	240478	40.01	ng		96
30) 1,2,4-Trichlorobenzene	7.957	180	252177	39.45	ng		99
31) Naphthalene	8.034	128	814820	38.77	ng		100
32) Benzoic acid	7.834	122	115324m	34.09	ng		
33) 4-Chloroaniline	8.092	127	358190	40.01	ng		99
34) Hexachlorobutadiene	8.145	225	153501	40.50	ng		99
35) Caprolactam	8.481	113	79733	41.77	ng		94
36) 4-Chloro-3-methylphenol	8.581	107	260170	40.30	ng		98
37) 2-Methylnaphthalene	8.722	142	532763	39.14	ng		99
38) 1-Methylnaphthalene	8.822	142	489072	38.80	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	256228	39.43	ng		99
41) Hexachlorocyclopentadiene	8.869	237	1930	10.20	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	164171	40.95	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	171441	39.60	ng		99
46) 1,1'-Biphenyl	9.186	154	642963	39.28	ng		99
47) 2-Chloronaphthalene	9.216	162	493922	38.80	ng		99
48) 2-Nitroaniline	9.322	65	177679	42.32	ng		96
49) Acenaphthylene	9.628	152	743930	38.05	ng		100
50) Dimethylphthalate	9.492	163	605332	41.12	ng		98
51) 2,6-Dinitrotoluene	9.563	165	127436	39.47	ng		89
52) Acenaphthene	9.798	154	441368	37.95	ng		100
53) 3-Nitroaniline	9.733	138	149393	40.68	ng		99
54) 2,4-Dinitrophenol	9.869	184	8007	13.02	ng	#	79
55) Dibenzofuran	9.969	168	641542	37.72	ng		98
56) 4-Nitrophenol	9.922	139	58610	29.34	ng		87
57) 2,4-Dinitrotoluene	9.969	165	149365	37.57	ng	#	77
58) Fluorene	10.310	166	525692	38.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	130514	38.96	ng		98
60) Diethylphthalate	10.186	149	596932	42.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	263412	40.09	ng		100
62) 4-Nitroaniline	10.345	138	136095	37.09	ng		93
63) Azobenzene	10.463	77	582758	38.82	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	22807	13.68	ng		97
66) n-Nitrosodiphenylamine	10.422	169	493392	42.87	ng		100
67) 4-Bromophenyl-phenylether	10.792	248	165912	42.98	ng		96
68) Hexachlorobenzene	10.863	284	175877	40.25	ng		95
69) Atrazine	10.951	200	120291	42.74	ng		98
70) Pentachlorophenol	11.063	266	52470	35.45	ng		99
71) Phenanthrene	11.275	178	703601	38.41	ng		100
72) Anthracene	11.328	178	732595	38.56	ng		99
73) Carbazole	11.486	167	644631	38.16	ng		99
74) Di-n-butylphthalate	11.804	149	879470	45.25	ng		99
75) Fluoranthene	12.463	202	671105	34.16	ng		97
77) Benzidine	12.586	184	287815	43.15	ng		100
78) Pyrene	12.686	202	659992	40.03	ng		99
80) Butylbenzylphthalate	13.298	149	304278	46.54	ng		99
81) Benzo(a)anthracene	13.874	228	567277	40.01	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	226233	43.02	ng		99
83) Chrysene	13.916	228	554856	39.86	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	435233	49.03	ng		99
85) Di-n-octyl phthalate	14.468	149	686302	47.80	ng		100
87) Indeno(1,2,3-cd)pyrene	16.727	276	503921	39.57	ng		98
88) Benzo(b)fluoranthene	14.910	252	537838	40.56	ng		100
89) Benzo(k)fluoranthene	14.939	252	526129	41.77	ng		99
90) Benzo(a)pyrene	15.257	252	474470	41.43	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	427521	40.77	ng		99
92) Benzo(g,h,i)perylene	17.145	276	401558	38.26	ng		97

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

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