Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127607.D
Acq On : 01 Apr 2022 12:38
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:12:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	106774	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	381864	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	219480	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	389636	20.000	ng		0.00
76) Chrysene-d12	14.021	240	267945	20.000	ng		0.00
86) Perylene-d12	15.498	264	209154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	535829	80.104	ng		0.00
7) Phenol-d6	6.481	99	710865	77.745	ng		0.00
23) Nitrobenzene-d5	7.410	82	686903	76.892	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	173695	74.291	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1102283	73.336	ng		0.00
79) Terphenyl-d14	12.951	244	1214764	74.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	137258	46.719	ng		96
3) Pyridine	3.346	79	347713	41.933	ng		96
4) n-Nitrosodimethylamine	3.328	42	183058	40.208	ng		100
6) Aniline	6.504	93	436289	39.985	ng		91
8) 2-Chlorophenol	6.628	128	273428	40.000	ng		99
9) Benzaldehyde	6.392	77	187073	39.924	ng		96
10) Phenol	6.492	94	393266	39.494	ng		95
11) bis(2-Chloroethyl)ether	6.575	93	305028	41.863	ng		99
12) 1,3-Dichlorobenzene	6.775	146	295653	38.454	ng		96
13) 1,4-Dichlorobenzene	6.851	146	299262	38.696	ng		98
14) 1,2-Dichlorobenzene	7.004	146	275135	36.527	ng		99
15) Benzyl Alcohol	6.987	79	248927	37.461	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	528744	40.327	ng		85
17) 2-Methylphenol	7.098	107	227130	39.371	ng	#	93
18) Hexachloroethane	7.339	117	112842	39.856	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	213402	38.936	ng		97
20) 3+4-Methylphenols	7.251	107	279885	39.335	ng		96
22) Acetophenone	7.251	105	365395	37.433	ng		99
24) Nitrobenzene	7.428	77	334434	39.255	ng		98
25) Isophorone	7.663	82	587464	41.288	ng		99
26) 2-Nitrophenol	7.739	139	144056	40.317	ng		97
27) 2,4-Dimethylphenol	7.775	122	216413	40.264	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	382755	41.411	ng		100
29) 2,4-Dichlorophenol	7.986	162	242579	39.756	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	268489	37.761	ng		96
31) Naphthalene	8.139	128	784512	38.696	ng		99
32) Benzoic acid	7.934	122	108380	36.711	ng		95
33) 4-Chloroaniline	8.198	127	315472	40.156	ng		99
34) Hexachlorobutadiene	8.245	225	170149	37.685	ng		98
35) Caprolactam	8.586	113	79353m	42.185	ng		
36) 4-Chloro-3-methylphenol	8.686	107	264464	39.948	ng		98
37) 2-Methylnaphthalene	8.828	142	515302	39.529	ng		99
38) 1-Methylnaphthalene	8.928	142	488506	37.897	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	263721	37.790	ng		99
41) Hexachlorocyclopentadiene	8.975	237	59500	36.519	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	165061	39.130	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	174662	40.223	ng	98
46) 1,1'-Biphenyl	9.292	154	631453	38.093	ng	99
47) 2-Chloronaphthalene	9.322	162	500539	38.345	ng	98
48) 2-Nitroaniline	9.433	65	202922	40.561	ng	95
49) Acenaphthylene	9.739	152	734851	37.238	ng	100
50) Dimethylphthalate	9.598	163	595157	38.978	ng	99
51) 2,6-Dinitrotoluene	9.669	165	123571	38.554	ng	95
52) Acenaphthene	9.910	154	450250	39.105	ng	98
53) 3-Nitroaniline	9.845	138	140837	40.058	ng	96
54) 2,4-Dinitrophenol	9.963	184	51013	36.807	ng	93
55) Dibenzofuran	10.080	168	654818	38.971	ng	99
56) 4-Nitrophenol	10.027	139	79116	44.213	ng	88
57) 2,4-Dinitrotoluene	10.080	165	148346	35.958	ng	91
58) Fluorene	10.427	166	534375	39.781	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	147120	38.321	ng	97
60) Diethylphthalate	10.292	149	541930	38.859	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	289292	36.659	ng	98
62) 4-Nitroaniline	10.469	138	131287	39.866	ng	94
63) Azobenzene	10.575	77	651658	39.601	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	99316	41.424	ng	98
66) n-Nitrosodiphenylamine	10.539	169	465098	39.213	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	180644	39.710	ng	96
68) Hexachlorobenzene	10.974	284	188701	38.002	ng	97
69) Atrazine	11.063	200	151635	38.403	ng	96
70) Pentachlorophenol	11.180	266	62053	36.381	ng	97
71) Phenanthrene	11.392	178	773582	38.082	ng	99
72) Anthracene	11.445	178	773052	38.349	ng	99
73) Carbazole	11.604	167	748385	38.821	ng	98
74) Di-n-butylphthalate	11.916	149	862892	43.243	ng	99
75) Fluoranthene	12.586	202	860246	38.503	ng	98
77) Benzidine	12.710	184	275291	43.089	ng	99
78) Pyrene	12.816	202	860534	37.422	ng	99
80) Butylbenzylphthalate	13.421	149	333334	44.043	ng	93
81) Benzo(a)anthracene	14.010	228	700374	39.086	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	209674	39.814	ng	97
83) Chrysene	14.045	228	665167	39.201	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	413584	47.273	ng	99
85) Di-n-octyl phthalate	14.580	149	643207	55.248	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	507983	35.893	ng	97
88) Benzo(b)fluoranthene	15.062	252	520153	39.443	ng	99
89) Benzo(k)fluoranthene	15.092	252	511454	37.411	ng	99
90) Benzo(a)pyrene	15.439	252	426168	39.377	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	431041	36.890	ng	96
92) Benzo(g,h,i)perylene	17.462	276	433081	35.859	ng	98

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

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