Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062921\
Data File : BF124488.D
Acq On : 29 Jun 2021 12:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 29 12:49:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 12:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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6/30/2021 2:13:31 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.692	152	32318	20.000	ng		0.00
21) Naphthalene-d8	7.975	136	116206	20.000	ng	#	0.00
39) Acenaphthene-d10	9.727	164	66311	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	118303	20.000	ng		0.00
76) Chrysene-d12	13.857	240	78514	20.000	ng		0.00
86) Perylene-d12	15.286	264	74491	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	161821	78.747	ng		0.00
7) Phenol-d6	6.351	99	215792	80.425	ng		0.00
23) Nitrobenzene-d5	7.263	82	213350	76.124	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	63339	79.949	ng		0.00
45) 2-Fluorobiphenyl	9.051	172	433231	80.032	ng		0.00
79) Terphenyl-d14	12.798	244	429523	81.939	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.310	88	35720	40.423	ng	#	83
3) Pyridine	3.028	79	72348	37.337	ng	#	70
4) n-Nitrosodimethylamine	2.987	42	38524	36.851	ng		83
6) Aniline	6.357	93	116782	38.959	ng	#	46
8) 2-Chlorophenol	6.487	128	92484	40.496	ng		87
9) Benzaldehyde	6.245	77	54222	43.412	ng		96
10) Phenol	6.363	94	110875	38.217	ng	#	66
11) bis(2-Chloroethyl)ether	6.434	93	80151	38.200	ng		90
12) 1,3-Dichlorobenzene	6.634	146	107479m	38.747	ng		
13) 1,4-Dichlorobenzene	6.710	146	108247	38.486	ng		92
14) 1,2-Dichlorobenzene	6.863	146	105426	39.801	ng		95
15) Benzyl Alcohol	6.845	79	88180	38.314	ng		90
16) 2,2'-oxybis(1-Chloropr...	6.969	45	98095	36.444	ng	#	1
17) 2-Methylphenol	6.963	107	71755	39.264	ng	#	88
18) Hexachloroethane	7.198	117	40994	40.005	ng	#	88
19) n-Nitroso-di-n-propyla...	7.116	70	70968	39.330	ng	#	76
20) 3+4-Methylphenols	7.122	107	92301	38.694	ng	#	78
22) Acetophenone	7.110	105	128943	39.860	ng	#	86
24) Nitrobenzene	7.281	77	109172	38.991	ng		96
25) Isophorone	7.522	82	184623	38.315	ng		97
26) 2-Nitrophenol	7.598	139	51105	37.524	ng		87
27) 2,4-Dimethylphenol	7.645	122	70510	38.842	ng		93
28) bis(2-Chloroethoxy)met...	7.734	93	95491	39.097	ng		99
29) 2,4-Dichlorophenol	7.845	162	81848	37.983	ng		92
30) 1,2,4-Trichlorobenzene	7.916	180	94755	38.774	ng		96
31) Naphthalene	7.998	128	266673	39.006	ng		99
32) Benzoic acid	7.798	122	33128	33.764	ng		97
33) 4-Chloroaniline	8.057	127	102326	39.849	ng	#	89
34) Hexachlorobutadiene	8.110	225	61645	37.730	ng		95
35) Caprolactam	8.433	113	21632	38.308	ng	#	42
36) 4-Chloro-3-methylphenol	8.551	107	83446	38.340	ng	#	85
37) 2-Methylnaphthalene	8.686	142	186567	38.563	ng		98
38) 1-Methylnaphthalene	8.786	142	168932	37.541	ng		92
40) 1,2,4,5-Tetrachloroben...	8.857	216	94404	39.614	ng	#	95
41) Hexachlorocyclopentadiene	8.839	237	4191	22.665	ng		94
43) 2,4,6-Trichlorophenol	8.975	196	57252	38.283	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	56156	35.588	ng	#	87
46) 1,1'-Biphenyl	9.151	154	229048	40.640	ng		97
47) 2-Chloronaphthalene	9.180	162	180976	39.257	ng	#	90
48) 2-Nitroaniline	9.286	65	54855	36.171	ng		84
49) Acenaphthylene	9.592	152	261493	39.241	ng		96
50) Dimethylphthalate	9.457	163	206420	39.483	ng		97
51) 2,6-Dinitrotoluene	9.527	165	46392	38.415	ng	#	73
52) Acenaphthene	9.763	154	166163	39.270	ng		92
53) 3-Nitroaniline	9.698	138	44436	41.567	ng	#	89
54) 2,4-Dinitrophenol	9.827	184	12769	35.733	ng	#	71
55) Dibenzofuran	9.933	168	261966	38.844	ng		100
56) 4-Nitrophenol	9.886	139	16812	29.978	ng		91
57) 2,4-Dinitrotoluene	9.933	165	64141	40.069	ng	#	85
58) Fluorene	10.275	166	202925	39.159	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.063	232	44743	38.771	ng	#	95
60) Diethylphthalate	10.157	149	208528	40.084	ng		95
61) 4-Chlorophenyl-phenyle...	10.269	204	98286	38.272	ng		94
62) 4-Nitroaniline	10.316	138	38984	37.902	ng		89
63) Azobenzene	10.427	77	196734	37.991	ng		94
65) 4,6-Dinitro-2-methylph...	10.351	198	32169	37.935	ng	#	61
66) n-Nitrosodiphenylamine	10.392	169	173923	38.322	ng		95
67) 4-Bromophenyl-phenylether	10.757	248	59693	37.506	ng		98
68) Hexachlorobenzene	10.827	284	67022	38.759	ng		93
69) Atrazine	10.922	200	51067	43.614	ng		97
70) Pentachlorophenol	11.033	266	13163	34.894	ng		93
71) Phenanthrene	11.239	178	285701	38.310	ng		98
72) Anthracene	11.292	178	289414	38.949	ng		99
73) Carbazole	11.451	167	247722	38.252	ng		95
74) Di-n-butylphthalate	11.780	149	315108	40.862	ng		97
75) Fluoranthene	12.427	202	284158	37.864	ng		98
77) Benzidine	12.551	184	83211	52.882	ng	#	93
78) Pyrene	12.657	202	278606	38.875	ng		98
80) Butylbenzylphthalate	13.274	149	117003	41.113	ng		93
81) Benzo(a)anthracene	13.851	228	229238	40.497	ng		97
82) 3,3'-Dichlorobenzidine	13.810	252	72624	40.043	ng		99
83) Chrysene	13.886	228	220934	39.385	ng		98
84) Bis(2-ethylhexyl)phtha...	13.833	149	163490	42.878	ng		95
85) Di-n-octyl phthalate	14.445	149	268372	45.193	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.686	276	237712	40.465	ng		95
88) Benzo(b)fluoranthene	14.880	252	206631	36.606	ng		97
89) Benzo(k)fluoranthene	14.910	252	207467	40.173	ng		99
90) Benzo(a)pyrene	15.227	252	191263	38.130	ng		96
91) Dibenzo(a,h)anthracene	16.692	278	208760	41.256	ng	#	92
92) Benzo(g,h,i)perylene	17.103	276	196630	39.491	ng		97

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

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