Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128833.D
Acq On : 16 Jun 2022 11:51
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 17 02:15:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	88892	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	317109	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	181426	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	343748	20.000	ng		0.00
76) Chrysene-d12	13.974	240	253605	20.000	ng	#	0.01
86) Perylene-d12	15.433	264	197680	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	474603	85.043	ng		0.00
7) Phenol-d6	6.451	99	536029	78.686	ng		0.01
23) Nitrobenzene-d5	7.357	82	548999	80.605	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	165278	77.102	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1046062	80.767	ng		0.00
79) Terphenyl-d14	12.910	244	1173705	80.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	73601	35.525	ng	#	95
3) Pyridine	3.222	79	239971	43.601	ng		93
4) n-Nitrosodimethylamine	3.187	42	144031	37.737	ng	#	83
6) Aniline	6.451	93	294063	40.025	ng	#	71
8) 2-Chlorophenol	6.587	128	225512	39.491	ng		99
9) Benzaldehyde	6.340	77	176084	42.428	ng		93
10) Phenol	6.463	94	285660	39.669	ng		85
11) bis(2-Chloroethyl)ether	6.528	93	204698	38.793	ng		98
12) 1,3-Dichlorobenzene	6.728	146	260183	39.412	ng		98
13) 1,4-Dichlorobenzene	6.804	146	263081	39.458	ng		98
14) 1,2-Dichlorobenzene	6.963	146	254017	40.728	ng		100
15) Benzyl Alcohol	6.940	79	223768	39.259	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	317570	36.528	ng	#	35
17) 2-Methylphenol	7.063	107	184786	40.943	ng	#	85
18) Hexachloroethane	7.298	117	97791	39.423	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	167372	39.516	ng		97
20) 3+4-Methylphenols	7.216	107	245310	40.713	ng	#	82
22) Acetophenone	7.204	105	333957	40.266	ng	#	98
24) Nitrobenzene	7.375	77	252727	40.417	ng		95
25) Isophorone	7.616	82	407777	39.420	ng		96
26) 2-Nitrophenol	7.692	139	119036	43.207	ng	#	92
27) 2,4-Dimethylphenol	7.739	122	174336	41.541	ng		93
28) bis(2-Chloroethoxy)met...	7.822	93	262581	40.154	ng		98
29) 2,4-Dichlorophenol	7.945	162	201458	41.476	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	221958	40.584	ng		100
31) Naphthalene	8.098	128	656294	40.327	ng		99
32) Benzoic acid	7.892	122	71871m	24.138	ng		
33) 4-Chloroaniline	8.151	127	254037	41.402	ng		98
34) Hexachlorobutadiene	8.210	225	155462	40.081	ng		98
35) Caprolactam	8.528	113	58161m	43.302	ng		
36) 4-Chloro-3-methylphenol	8.651	107	215919	40.733	ng		95
37) 2-Methylnaphthalene	8.787	142	423948	40.956	ng		99
38) 1-Methylnaphthalene	8.886	142	411340	41.130	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	228424	40.540	ng		100
41) Hexachlorocyclopentadiene	8.934	237	111695	32.978	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	143362	37.624	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	148587	37.734	ng		98
46) 1,1'-Biphenyl	9.251	154	551107	40.485	ng		99
47) 2-Chloronaphthalene	9.281	162	419047	40.342	ng		99
48) 2-Nitroaniline	9.381	65	146712	41.304	ng		97
49) Acenaphthylene	9.698	152	639239	40.199	ng		99
50) Dimethylphthalate	9.557	163	504400	40.618	ng		100
51) 2,6-Dinitrotoluene	9.628	165	106317	43.377	ng		99
52) Acenaphthene	9.869	154	385561	37.232	ng		100
53) 3-Nitroaniline	9.792	138	115944	43.586	ng		95
54) 2,4-Dinitrophenol	9.916	184	48280	35.365	ng		89
55) Dibenzofuran	10.039	168	602299	40.469	ng		95
56) 4-Nitrophenol	9.992	139	66238	34.351	ng	#	75
57) 2,4-Dinitrotoluene	10.033	165	141556	43.277	ng	#	80
58) Fluorene	10.386	166	476353	41.272	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	112716	34.656	ng		99
60) Diethylphthalate	10.257	149	499209	39.997	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	248107	41.445	ng		99
62) 4-Nitroaniline	10.410	138	119054	44.203	ng	#	82
63) Azobenzene	10.533	77	491194	39.976	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	84272	41.542	ng		92
66) n-Nitrosodiphenylamine	10.498	169	427832	40.493	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	158565	41.364	ng		97
68) Hexachlorobenzene	10.933	284	176660	41.496	ng		97
69) Atrazine	11.028	200	136631	40.213	ng		97
70) Pentachlorophenol	11.139	266	91184	42.907	ng		95
71) Phenanthrene	11.351	178	709081	41.126	ng		98
72) Anthracene	11.398	178	701842	41.126	ng		99
73) Carbazole	11.563	167	650728	41.054	ng		99
74) Di-n-butylphthalate	11.880	149	775723	40.196	ng		100
75) Fluoranthene	12.539	202	733265	40.686	ng		97
77) Benzidine	12.657	184	191941	37.967	ng		97
78) Pyrene	12.769	202	744153	39.440	ng		100
80) Butylbenzylphthalate	13.386	149	310282	39.159	ng		90
81) Benzo(a)anthracene	13.963	228	646115	40.872	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	154925	45.809	ng		98
83) Chrysene	14.004	228	616596	40.913	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	406051	39.418	ng		99
85) Di-n-octyl phthalate	14.557	149	615940	39.700	ng		99
87) Indeno(1,2,3-cd)pyrene	16.904	276	459564	38.571	ng	#	91
88) Benzo(b)fluoranthene	15.010	252	524576	41.529	ng	#	98
89) Benzo(k)fluoranthene	15.039	252	470999	39.638	ng	#	96
90) Benzo(a)pyrene	15.374	252	396187	39.906	ng	#	97
91) Dibenzo(a,h)anthracene	16.910	278	386316	39.089	ng	#	95
92) Benzo(g,h,i)perylene	17.339	276	371598	37.938	ng	#	93

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

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