Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
Data File : BF126490.D
Acq On : 5 Jan 2022 11:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 01:07:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	119368	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	468466	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	205529	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	291010	20.000	ng		0.00
76) Chrysene-d12	13.945	240	144542	20.000	ng		0.00
86) Perylene-d12	15.380	264	181167	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	645614	77.671	ng		0.00
7) Phenol-d6	6.422	99	818214	76.000	ng		0.00
23) Nitrobenzene-d5	7.351	82	684081	74.979	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	133157	83.841	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	902263	77.251	ng		0.00
79) Terphenyl-d14	12.892	244	589454	79.234	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	159980	38.380	ng		98
3) Pyridine	3.198	79	421305	37.470	ng		98
4) n-Nitrosodimethylamine	3.151	42	156458	33.846	ng	#	91
6) Aniline	6.445	93	493555	36.867	ng		97
8) 2-Chlorophenol	6.569	128	330865	39.914	ng		94
9) Benzaldehyde	6.334	77	218435	32.775	ng		91
10) Phenol	6.434	94	447093	37.213	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	342040	37.284	ng		96
12) 1,3-Dichlorobenzene	6.728	146	336555	40.629	ng		96
13) 1,4-Dichlorobenzene	6.804	146	336196	40.660	ng		98
14) 1,2-Dichlorobenzene	6.957	146	309859	38.461	ng		97
15) Benzyl Alcohol	6.928	79	277963	36.901	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	531898	36.917	ng		100
17) 2-Methylphenol	7.039	107	278141	38.145	ng		99
18) Hexachloroethane	7.298	117	129174	39.211	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	212587	34.604	ng	#	97
20) 3+4-Methylphenols	7.192	107	310227	35.736	ng		93
22) Acetophenone	7.198	105	410977	37.948	ng		99
24) Nitrobenzene	7.369	77	341279	37.380	ng		94
25) Isophorone	7.610	82	594861	36.421	ng		97
26) 2-Nitrophenol	7.686	139	167453	41.374	ng		90
27) 2,4-Dimethylphenol	7.722	122	256358	40.508	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	401764	37.655	ng		98
29) 2,4-Dichlorophenol	7.928	162	240270	41.579	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	249373	41.407	ng		98
31) Naphthalene	8.092	128	886486	40.091	ng		99
32) Benzoic acid	7.851	122	189744	42.312	ng		92
33) 4-Chloroaniline	8.139	127	368908	39.825	ng		96
34) Hexachlorobutadiene	8.210	225	120818	41.274	ng		98
35) Caprolactam	8.504	113	55929m	38.046	ng		
36) 4-Chloro-3-methylphenol	8.622	107	267764	37.969	ng		96
37) 2-Methylnaphthalene	8.780	142	527969	40.476	ng		100
38) 1-Methylnaphthalene	8.880	142	510298	40.464	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	193191	43.257	ng		97
41) Hexachlorocyclopentadiene	8.939	237	78325	43.075	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	140484	42.534	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	149532	42.060	ng	97
46) 1,1'-Biphenyl	9.245	154	626667	41.572	ng	99
47) 2-Chloronaphthalene	9.269	162	472124	41.350	ng	98
48) 2-Nitroaniline	9.363	65	164842	35.753	ng	92
49) Acenaphthylene	9.686	152	710565	41.033	ng	99
50) Dimethylphthalate	9.551	163	508374	39.622	ng	99
51) 2,6-Dinitrotoluene	9.610	165	109458	39.502	ng	89
52) Acenaphthene	9.857	154	461575m	40.657	ng	
53) 3-Nitroaniline	9.774	138	143989	37.899	ng	94
54) 2,4-Dinitrophenol	9.880	184	45972	34.672	ng	91
55) Dibenzofuran	10.027	168	617140	40.211	ng	98
56) 4-Nitrophenol	9.933	139	100706	37.271	ng	91
57) 2,4-Dinitrotoluene	10.010	165	139690	39.074	ng	90
58) Fluorene	10.369	166	427033	39.353	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	105220	41.235	ng	93
60) Diethylphthalate	10.245	149	467452	37.802	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	189645	40.048	ng	98
62) 4-Nitroaniline	10.386	138	127846	35.730	ng	94
63) Azobenzene	10.522	77	564024	35.411	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	71162	45.156	ng	90
66) n-Nitrosodiphenylamine	10.480	169	393857	43.623	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	116624	45.150	ng	95
68) Hexachlorobenzene	10.921	284	130312	43.372	ng	93
69) Atrazine	11.010	200	65754	42.295	ng	96
70) Pentachlorophenol	11.110	266	61179	41.895	ng	98
71) Phenanthrene	11.333	178	609760	40.984	ng	99
72) Anthracene	11.380	178	608269	40.859	ng	100
73) Carbazole	11.539	167	566141	38.836	ng	99
74) Di-n-butylphthalate	11.874	149	606698	36.556	ng	99
75) Fluoranthene	12.515	202	495465	36.488	ng	98
77) Benzidine	12.639	184	88670	35.672	ng	99
78) Pyrene	12.745	202	492589	40.326	ng	100
80) Butylbenzylphthalate	13.368	149	193838	35.811	ng	92
81) Benzo(a)anthracene	13.933	228	336372	40.466	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	171541	44.234	ng	98
83) Chrysene	13.968	228	358908	42.093	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	224718	40.060	ng	99
85) Di-n-octyl phthalate	14.545	149	468340	48.141	ng	97
87) Indeno(1,2,3-cd)pyrene	16.803	276	529997	43.713	ng	98
88) Benzo(b)fluoranthene	14.968	252	393439	36.455	ng	98
89) Benzo(k)fluoranthene	14.998	252	403969	38.640	ng	98
90) Benzo(a)pyrene	15.321	252	368178	40.686	ng	98
91) Dibenzo(a,h)anthracene	16.815	278	431582	44.113	ng	98
92) Benzo(g,h,i)perylene	17.227	276	453672	43.548	ng	98

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

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