Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009589.D
Acq On : 29 Mar 2022 11:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 04:07:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 04:00:13 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/30/2022
Supervised By :Jagrut Upadhyay
03/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	232915	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	917814	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	611890	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1342972	20.000	ng		0.00
76) Chrysene-d12	21.292	240	1404143	20.000	ng		0.00
86) Perylene-d12	23.686	264	1529187	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1120723	84.009	ng		0.00
7) Phenol-d6	6.952	99	1534968	85.082	ng		0.00
23) Nitrobenzene-d5	8.922	82	1398242	80.957	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	729408	72.238	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	3363551	76.204	ng		0.00
79) Terphenyl-d14	19.757	244	5845441	74.721	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	229325	43.400	ng		97
3) Pyridine	3.693	79	606279	42.602	ng		97
4) n-Nitrosodimethylamine	3.605	42	221095	42.185	ng		97
6) Aniline	7.093	93	843681	41.032	ng		98
8) 2-Chlorophenol	7.334	128	619579	40.729	ng		98
9) Benzaldehyde	6.910	77	364627m	42.766	ng		
10) Phenol	6.981	94	771987	42.652	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	582362	40.656	ng		97
12) 1,3-Dichlorobenzene	7.651	146	676166	39.383	ng		98
13) 1,4-Dichlorobenzene	7.799	146	687165	39.145	ng		99
14) 1,2-Dichlorobenzene	8.116	146	672577	39.640	ng		99
15) Benzyl Alcohol	8.010	79	568231	39.504	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	665703	42.873	ng		97
17) 2-Methylphenol	8.222	107	511559	41.015	ng		99
18) Hexachloroethane	8.834	117	239988	39.009	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	468051	41.017	ng		97
20) 3+4-Methylphenols	8.551	107	717189	41.819	ng		98
22) Acetophenone	8.587	105	913970	40.234	ng	#	99
24) Nitrobenzene	8.963	77	662554	40.609	ng		98
25) Isophorone	9.493	82	1218760	41.369	ng		99
26) 2-Nitrophenol	9.675	139	339695	39.943	ng		95
27) 2,4-Dimethylphenol	9.745	122	497694	41.473	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	781132	40.722	ng		99
29) 2,4-Dichlorophenol	10.222	162	599587	40.962	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	654803	38.611	ng		99
31) Naphthalene	10.604	128	1874439	39.648	ng		100
32) Benzoic acid	9.934	122	386196	41.163	ng		95
33) 4-Chloroaniline	10.728	127	789013	40.899	ng		98
34) Hexachlorobutadiene	10.898	225	418113	36.386	ng		99
35) Caprolactam	11.522	113	214790	43.479	ng		96
36) 4-Chloro-3-methylphenol	11.869	107	639939	40.685	ng		99
37) 2-Methylnaphthalene	12.222	142	1328018	40.036	ng		99
38) 1-Methylnaphthalene	12.445	142	1300479	40.245	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	752335	37.057	ng		99
41) Hexachlorocyclopentadiene	12.575	237	264839	34.526	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	517964	38.492	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	568958	38.936	ng	98
46) 1,1'-Biphenyl	13.239	154	1763378	38.630	ng	99
47) 2-Chloronaphthalene	13.281	162	1391238	38.712	ng	99
48) 2-Nitroaniline	13.492	65	412760	42.169	ng	98
49) Acenaphthylene	14.133	152	2219511	40.006	ng	99
50) Dimethylphthalate	13.875	163	1814813	39.142	ng	100
51) 2,6-Dinitrotoluene	13.992	165	388813	40.024	ng	99
52) Acenaphthene	14.475	154	1309726	39.520	ng	100
53) 3-Nitroaniline	14.328	138	411985	40.152	ng	97
54) 2,4-Dinitrophenol	14.551	184	203304	36.304	ng	97
55) Dibenzofuran	14.816	168	2197027	39.461	ng	100
56) 4-Nitrophenol	14.663	139	310532	40.601	ng	99
57) 2,4-Dinitrotoluene	14.792	165	543860	40.716	ng	98
58) Fluorene	15.469	166	1734783	39.618	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	493274	37.235	ng	97
60) Diethylphthalate	15.245	149	1820860	39.239	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	911772	37.800	ng	95
62) 4-Nitroaniline	15.498	138	455376	42.259	ng	98
63) Azobenzene	15.757	77	1689519	41.854	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	348491	40.355	ng	94
66) n-Nitrosodiphenylamine	15.680	169	1564053	39.355	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	606255	36.891	ng	94
68) Hexachlorobenzene	16.480	284	684388	36.186	ng	97
69) Atrazine	16.645	200	552956	39.573	ng	99
70) Pentachlorophenol	16.839	266	369642	36.561	ng	98
71) Phenanthrene	17.216	178	2851274	39.662	ng	100
72) Anthracene	17.310	178	2836057	39.957	ng	100
73) Carbazole	17.586	167	2828934	40.754	ng	100
74) Di-n-butylphthalate	18.145	149	3206283	39.417	ng	100
75) Fluoranthene	19.204	202	3532485	40.588	ng	98
77) Benzidine	19.386	184	1263721	36.718	ng	99
78) Pyrene	19.557	202	3645610	39.401	ng	100
80) Butylbenzylphthalate	20.439	149	1548537	39.375	ng	96
81) Benzo(a)anthracene	21.280	228	3674042	39.826	ng	100
82) 3,3'-Dichlorobenzidine	21.210	252	1355429	38.033	ng	99
83) Chrysene	21.333	228	3513153	40.217	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2136552	38.976	ng	99
85) Di-n-octyl phthalate	22.133	149	3792383	40.137	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	4460574	38.448	ng	96
88) Benzo(b)fluoranthene	22.962	252	3531652	38.687	ng	98
89) Benzo(k)fluoranthene	23.004	252	3641580	40.742	ng	99
90) Benzo(a)pyrene	23.580	252	3111000	39.831	ng	98
91) Dibenzo(a,h)anthracene	26.198	278	3680870	38.069	ng	98
92) Benzo(g,h,i)perylene	26.945	276	3682374	38.713	ng	96

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

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