Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009566.D
Acq On : 28 Mar 2022 14:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 29 03:11:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	289298	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	1098902	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	698840	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1494272	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1583101	20.000	ng		0.00
86) Perylene-d12	23.686	264	1714286	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1380969	83.342	ng		0.00
7) Phenol-d6	6.957	99	1788016	79.792	ng		0.00
23) Nitrobenzene-d5	8.928	82	1666845	80.605	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	816497	70.802	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	3967660	78.707	ng		0.00
79) Terphenyl-d14	19.763	244	6601208	74.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	287657	43.830	ng		98
3) Pyridine	3.693	79	769065	43.509	ng		99
4) n-Nitrosodimethylamine	3.605	42	279804	42.982	ng		96
6) Aniline	7.099	93	1014311	39.716	ng		99
8) 2-Chlorophenol	7.340	128	744429	39.399	ng		98
9) Benzaldehyde	6.910	77	433501m	40.515	ng		
10) Phenol	6.981	94	899682	40.020	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	724869	40.742	ng		98
12) 1,3-Dichlorobenzene	7.657	146	846947	39.716	ng		97
13) 1,4-Dichlorobenzene	7.805	146	857900	39.346	ng		99
14) 1,2-Dichlorobenzene	8.116	146	824819	39.138	ng		99
15) Benzyl Alcohol	8.016	79	668782m	37.433	ng		
16) 2,2'-oxybis(1-Chloropr...	8.299	45	845147	43.821	ng		97
17) 2-Methylphenol	8.222	107	594225	38.357	ng		99
18) Hexachloroethane	8.840	117	300983	39.389	ng		96
19) n-Nitroso-di-n-propyla...	8.581	70	563868	39.784	ng		98
20) 3+4-Methylphenols	8.557	107	824162	38.690	ng		99
22) Acetophenone	8.593	105	1089173	40.045	ng	#	98
24) Nitrobenzene	8.969	77	788390	40.358	ng		97
25) Isophorone	9.499	82	1430608	40.558	ng		99
26) 2-Nitrophenol	9.681	139	400456	39.328	ng		95
27) 2,4-Dimethylphenol	9.751	122	577610	40.201	ng		98
28) bis(2-Chloroethoxy)met...	9.981	93	950599	41.390	ng		99
29) 2,4-Dichlorophenol	10.222	162	703551	40.144	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	799395	39.369	ng		99
31) Naphthalene	10.610	128	2237170	39.523	ng		100
32) Benzoic acid	9.928	122	455454	40.545	ng		95
33) 4-Chloroaniline	10.728	127	913293	39.540	ng		99
34) Hexachlorobutadiene	10.904	225	523589	38.057	ng		99
35) Caprolactam	11.522	113	227565	38.474	ng		98
36) 4-Chloro-3-methylphenol	11.875	107	716025	38.020	ng		97
37) 2-Methylnaphthalene	12.228	142	1562478	39.342	ng		99
38) 1-Methylnaphthalene	12.451	142	1523332	39.373	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	898921	38.769	ng		99
41) Hexachlorocyclopentadiene	12.581	237	272518	31.829	ng		98
43) 2,4,6-Trichlorophenol	12.851	196	600203	39.054	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	647488	38.797	ng	98
46) 1,1'-Biphenyl	13.245	154	2068574	39.678	ng	99
47) 2-Chloronaphthalene	13.287	162	1624285	39.573	ng	99
48) 2-Nitroaniline	13.498	65	445556	39.856	ng	97
49) Acenaphthylene	14.134	152	2492020	39.329	ng	100
50) Dimethylphthalate	13.881	163	2080948	39.298	ng	100
51) 2,6-Dinitrotoluene	13.998	165	433571	39.079	ng	98
52) Acenaphthene	14.481	154	1494219	39.477	ng	100
53) 3-Nitroaniline	14.328	138	459972	39.251	ng	99
54) 2,4-Dinitrophenol	14.545	184	241173	37.533	ng	98
55) Dibenzofuran	14.816	168	2491372	39.180	ng	100
56) 4-Nitrophenol	14.669	139	342731	39.235	ng	98
57) 2,4-Dinitrotoluene	14.792	165	594549	38.973	ng	97
58) Fluorene	15.469	166	1966853	39.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	577434	38.165	ng	95
60) Diethylphthalate	15.251	149	2083396	39.311	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1069401	38.819	ng	97
62) 4-Nitroaniline	15.498	138	489571	39.780	ng	97
63) Azobenzene	15.763	77	1933171	41.932	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	392876	40.888	ng	96
66) n-Nitrosodiphenylamine	15.686	169	1741190	39.376	ng	98
67) 4-Bromophenyl-phenylether	16.369	248	689649	37.717	ng	94
68) Hexachlorobenzene	16.486	284	768438	36.516	ng	98
69) Atrazine	16.651	200	613628	39.469	ng	97
70) Pentachlorophenol	16.839	266	447683	39.797	ng	99
71) Phenanthrene	17.222	178	3170678	39.639	ng	99
72) Anthracene	17.316	178	3153530	39.931	ng	100
73) Carbazole	17.592	167	3102647	40.171	ng	99
74) Di-n-butylphthalate	18.151	149	3687833	40.746	ng	99
75) Fluoranthene	19.204	202	3907345	40.349	ng	98
77) Benzidine	19.386	184	1199706	30.917	ng	99
78) Pyrene	19.557	202	3984963	38.200	ng	99
80) Butylbenzylphthalate	20.445	149	1740058	39.244	ng	95
81) Benzo(a)anthracene	21.280	228	4131907	39.727	ng	100
82) 3,3'-Dichlorobenzidine	21.216	252	1522602	37.895	ng	98
83) Chrysene	21.333	228	3914339	39.745	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	2552547	41.301	ng	99
85) Di-n-octyl phthalate	22.139	149	4455166	41.821	ng	99
87) Indeno(1,2,3-cd)pyrene	26.192	276	5052045	38.844	ng	96
88) Benzo(b)fluoranthene	22.963	252	4130844	40.365	ng	98
89) Benzo(k)fluoranthene	23.010	252	4085553	40.774	ng	98
90) Benzo(a)pyrene	23.586	252	3501225	39.987	ng	98
91) Dibenzo(a,h)anthracene	26.204	278	4204890	38.792	ng	98
92) Benzo(g,h,i)perylene	26.951	276	4103377	38.481	ng	96

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

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