Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012666.D
Acq On : 18 Nov 2022 09:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 21 03:17:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:16:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	396893	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1729146	20.000	ng		0.00
39) Acenaphthene-d10	14.675	164	1159138	20.000	ng		0.00
64) Phenanthrene-d10	17.433	188	2603422	20.000	ng		0.00
76) Chrysene-d12	21.516	240	2612908	20.000	ng		0.00
86) Perylene-d12	24.045	264	2685519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1692865	77.084	ng		0.00
7) Phenol-d6	7.187	99	2365954	77.356	ng		0.00
23) Nitrobenzene-d5	9.210	82	2285089	83.090	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	1059141	79.844	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	5927718	76.947	ng		0.00
79) Terphenyl-d14	19.980	244	9314011	77.018	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	328963	37.298	ng		99
3) Pyridine	3.852	79	1069503m	38.414	ng		
4) n-Nitrosodimethylamine	3.764	42	458553	38.567	ng		99
6) Aniline	7.357	93	1485425	38.552	ng		99
8) 2-Chlorophenol	7.599	128	1052840	38.825	ng		99
9) Benzaldehyde	7.169	77	667407	37.416	ng		98
10) Phenol	7.210	94	1335091	38.747	ng		100
11) bis(2-Chloroethyl)ether	7.457	93	1069184	38.953	ng		99
12) 1,3-Dichlorobenzene	7.928	146	1155871	38.408	ng		99
13) 1,4-Dichlorobenzene	8.075	146	1188385	38.726	ng		99
14) 1,2-Dichlorobenzene	8.399	146	1136340	38.586	ng		99
15) Benzyl Alcohol	8.275	79	896787	39.353	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.575	45	1522486	39.312	ng		99
17) 2-Methylphenol	8.475	107	935854	39.167	ng		99
18) Hexachloroethane	9.134	117	409357	39.919	ng		95
19) n-Nitroso-di-n-propyla...	8.852	70	827723	39.816	ng		99
20) 3+4-Methylphenols	8.804	107	1312385	39.207	ng		99
22) Acetophenone	8.869	105	1636678	37.919	ng	#	99
24) Nitrobenzene	9.252	77	1210339	40.756	ng		100
25) Isophorone	9.781	82	2380672	38.483	ng		100
26) 2-Nitrophenol	9.963	139	542255	37.485	ng		98
27) 2,4-Dimethylphenol	10.016	122	920590	37.881	ng		99
28) bis(2-Chloroethoxy)met...	10.263	93	1369235	38.915	ng		99
29) 2,4-Dichlorophenol	10.498	162	1111912	39.365	ng		98
30) 1,2,4-Trichlorobenzene	10.722	180	1182949	39.016	ng		99
31) Naphthalene	10.910	128	3627920	38.164	ng		100
32) Benzoic acid	10.151	122	719576	35.936	ng		99
33) 4-Chloroaniline	11.010	127	1515401	38.264	ng		98
34) Hexachlorobutadiene	11.198	225	704757	39.344	ng		99
35) Caprolactam	11.793	113	374734m	40.743	ng		
36) 4-Chloro-3-methylphenol	12.122	107	1171308	38.631	ng		99
37) 2-Methylnaphthalene	12.510	142	2627115	38.645	ng		100
38) 1-Methylnaphthalene	12.728	142	2577398	38.583	ng		99
40) 1,2,4,5-Tetrachloroben...	12.875	216	1329755	39.333	ng		99
41) Hexachlorocyclopentadiene	12.857	237	542175	39.066	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	958894	39.839	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	1072248	40.264	ng	98
46) 1,1'-Biphenyl	13.516	154	3304866	38.128	ng	99
47) 2-Chloronaphthalene	13.557	162	2634741	38.280	ng	99
48) 2-Nitroaniline	13.751	65	627566	38.284	ng	99
49) Acenaphthylene	14.398	152	4321114	38.468	ng	99
50) Dimethylphthalate	14.134	163	3550859	38.891	ng	100
51) 2,6-Dinitrotoluene	14.245	165	717908	39.452	ng	99
52) Acenaphthene	14.745	154	2790519	38.925	ng	100
53) 3-Nitroaniline	14.575	138	804754	39.019	ng	99
54) 2,4-Dinitrophenol	14.775	184	378245	38.764	ng	97
55) Dibenzofuran	15.075	168	4176523	38.592	ng	99
56) 4-Nitrophenol	14.869	139	693693	40.418	ng	100
57) 2,4-Dinitrotoluene	15.034	165	978557	39.533	ng	97
58) Fluorene	15.728	166	3268981	38.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	976570	40.735	ng	97
60) Diethylphthalate	15.498	149	3552102	39.551	ng	100
61) 4-Chlorophenyl-phenyle...	15.722	204	1615457	39.455	ng	97
62) 4-Nitroaniline	15.739	138	791249	39.214	ng	98
63) Azobenzene	16.016	77	3203763	39.044	ng	99
65) 4,6-Dinitro-2-methylph...	15.792	198	538936	38.692	ng	95
66) n-Nitrosodiphenylamine	15.934	169	2939713	37.889	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	1040214	38.212	ng	98
68) Hexachlorobenzene	16.733	284	1238394	39.226	ng	99
69) Atrazine	16.886	200	839352	41.057	ng	99
70) Pentachlorophenol	17.069	266	831414	40.575	ng	99
71) Phenanthrene	17.475	178	5619004	38.051	ng	100
72) Anthracene	17.569	178	5469644	38.391	ng	99
73) Carbazole	17.828	167	5134516	37.946	ng	100
74) Di-n-butylphthalate	18.386	149	6104098	43.269	ng	99
75) Fluoranthene	19.433	202	6827450	39.025	ng	100
77) Benzidine	19.604	184	1500215	37.565	ng	100
78) Pyrene	19.780	202	7056984	38.218	ng	100
80) Butylbenzylphthalate	20.657	149	1640659	41.632	ng	97
81) Benzo(a)anthracene	21.498	228	7036423	38.412	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1900797	36.859	ng	99
83) Chrysene	21.557	228	6618577	38.103	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	2974850	40.530	ng	98
85) Di-n-octyl phthalate	22.404	149	5616023	39.125	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	7556408	38.649	ng	99
88) Benzo(b)fluoranthene	23.268	252	6898577	38.802	ng	99
89) Benzo(k)fluoranthene	23.327	252	6877263	38.929	ng	99
90) Benzo(a)pyrene	23.933	252	5715518	38.738	ng	100
91) Dibenzo(a,h)anthracene	26.733	278	6310610	39.034	ng	99
92) Benzo(g,h,i)perylene	27.527	276	5991709	38.157	ng	98

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

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