Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
Data File : BP012657.D
Acq On : 17 Nov 2022 11:39
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 17 23:31:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 23:28:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	236707	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1046964	20.000	ng		0.00
39) Acenaphthene-d10	14.675	164	715902	20.000	ng		0.00
64) Phenanthrene-d10	17.428	188	1615026	20.000	ng		0.00
76) Chrysene-d12	21.516	240	1724411	20.000	ng		0.00
86) Perylene-d12	24.039	264	1801140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	532147	41.862	ng		0.00
7) Phenol-d6	7.181	99	751433	42.586	ng		0.00
23) Nitrobenzene-d5	9.205	82	630253	33.397	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	325635	33.320	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	1960991	41.583	ng		0.00
79) Terphenyl-d14	19.980	244	3314910	38.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	107668	19.743	ng		100
3) Pyridine	3.852	79	339029	21.327	ng		98
4) n-Nitrosodimethylamine	3.764	42	142678	24.246	ng	#	97
6) Aniline	7.358	93	463216	20.746	ng		99
8) 2-Chlorophenol	7.599	128	327150	20.321	ng		98
9) Benzaldehyde	7.169	77	233852	21.012	ng		96
10) Phenol	7.210	94	418965	21.017	ng		99
11) bis(2-Chloroethyl)ether	7.458	93	330846	20.070	ng		99
12) 1,3-Dichlorobenzene	7.934	146	363316	20.480	ng		99
13) 1,4-Dichlorobenzene	8.081	146	372168	20.498	ng		99
14) 1,2-Dichlorobenzene	8.399	146	361323	20.914	ng		99
15) Benzyl Alcohol	8.275	79	267597	20.263	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.581	45	475592	22.216	ng		100
17) 2-Methylphenol	8.475	107	289460	21.074	ng		99
18) Hexachloroethane	9.134	117	119812	18.453	ng		98
19) n-Nitroso-di-n-propyla...	8.852	70	260100	20.306	ng		98
20) 3+4-Methylphenols	8.805	107	407246	21.095	ng		98
22) Acetophenone	8.869	105	534051	20.482	ng	#	98
24) Nitrobenzene	9.252	77	349167	17.772	ng		100
25) Isophorone	9.775	82	759709	21.429	ng		99
26) 2-Nitrophenol	9.963	139	132961	14.100	ng		99
27) 2,4-Dimethylphenol	10.016	122	292092	20.734	ng		99
28) bis(2-Chloroethoxy)met...	10.263	93	425000	19.347	ng		99
29) 2,4-Dichlorophenol	10.499	162	333929	20.009	ng		99
30) 1,2,4-Trichlorobenzene	10.722	180	359793	19.894	ng		99
31) Naphthalene	10.910	128	1161708	20.425	ng		99
32) Benzoic acid	10.093	122	198391m	15.019	ng		
33) 4-Chloroaniline	11.016	127	481183	20.283	ng		99
34) Hexachlorobutadiene	11.204	225	209512	18.310	ng		96
35) Caprolactam	11.763	113	109375	19.608	ng		98
36) 4-Chloro-3-methylphenol	12.122	107	371348	19.714	ng		99
37) 2-Methylnaphthalene	12.510	142	836227	20.511	ng		100
38) 1-Methylnaphthalene	12.728	142	823407	20.642	ng		100
40) 1,2,4,5-Tetrachloroben...	12.875	216	406170	19.041	ng		99
41) Hexachlorocyclopentadiene	12.863	237	133536	14.077	ng		99
43) 2,4,6-Trichlorophenol	13.104	196	286171	19.098	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	321590	19.228	ng		99
46) 1,1'-Biphenyl	13.516	154	1078963	20.351	ng		100
47) 2-Chloronaphthalene	13.557	162	851230	20.457	ng		99
48) 2-Nitroaniline	13.751	65	131770	10.471	ng		99
49) Acenaphthylene	14.398	152	1403429	21.239	ng		100
50) Dimethylphthalate	14.134	163	1142657	20.197	ng		100
51) 2,6-Dinitrotoluene	14.245	165	181275	15.025	ng		99
52) Acenaphthene	14.740	154	890362	22.137	ng		99
53) 3-Nitroaniline	14.569	138	214719	16.536	ng		99
54) 2,4-Dinitrophenol	14.775	184	82677	10.965	ng		96
55) Dibenzofuran	15.075	168	1369583	21.544	ng		99
56) 4-Nitrophenol	14.857	139	198690	18.412	ng		92
57) 2,4-Dinitrotoluene	15.028	165	236542	15.213	ng		99
58) Fluorene	15.728	166	1124151	22.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.292	232	294443	19.114	ng		100
60) Diethylphthalate	15.498	149	1130670	19.964	ng		99
61) 4-Chlorophenyl-phenyle...	15.722	204	523810	21.059	ng		99
62) 4-Nitroaniline	15.734	138	214055	17.168	ng		92
63) Azobenzene	16.016	77	1070310	21.082	ng		99
65) 4,6-Dinitro-2-methylph...	15.792	198	122541	11.168	ng		97
66) n-Nitrosodiphenylamine	15.928	169	967949	20.318	ng		99
67) 4-Bromophenyl-phenylether	16.616	248	326581	17.989	ng		98
68) Hexachlorobenzene	16.728	284	382002	17.628	ng		97
69) Atrazine	16.881	200	246268	14.825	ng		98
70) Pentachlorophenol	17.069	266	243730	18.233	ng		96
71) Phenanthrene	17.475	178	1881642	21.136	ng		100
72) Anthracene	17.563	178	1820021	21.308	ng		99
73) Carbazole	17.828	167	1759803	22.001	ng		99
74) Di-n-butylphthalate	18.386	149	1709219	17.111	ng		99
75) Fluoranthene	19.427	202	2282606	21.877	ng		98
77) Benzidine	19.604	184	313571	8.242	ng		97
78) Pyrene	19.780	202	2394882	20.132	ng		99
80) Butylbenzylphthalate	20.657	149	330167	6.553	ng		99
81) Benzo(a)anthracene	21.498	228	2436812	21.133	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	534885	13.584	ng		99
83) Chrysene	21.557	228	2312031	21.037	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	603268	8.754	ng		98
85) Di-n-octyl phthalate	22.404	149	1116959	9.609	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.698	276	2760887	21.631	ng		99
88) Benzo(b)fluoranthene	23.268	252	2348222	20.265	ng		99
89) Benzo(k)fluoranthene	23.321	252	2387688	21.118	ng		99
90) Benzo(a)pyrene	23.927	252	1958946	20.703	ng		99
91) Dibenzo(a,h)anthracene	26.721	278	2286317	21.430	ng		99
92) Benzo(g,h,i)perylene	27.509	276	2233083	21.436	ng		99

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

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