Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
Data File : BP015276.D
Acq On : 24 May 2023 17:12
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 25 01:28:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:19:28 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	155349	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	582156	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	334654	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	707402	20.000	ng		0.00
76) Chrysene-d12	21.586	240	652510	20.000	ng		0.00
86) Perylene-d12	24.139	264	748572	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	392463	41.863	ng		0.00
7) Phenol-d6	7.258	99	509653	41.482	ng		0.00
23) Nitrobenzene-d5	9.287	82	496568	41.648	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	184855	40.648	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	1063416	42.662	ng		0.00
79) Terphenyl-d14	20.039	244	1488575	42.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	89729	21.609	ng		98
3) Pyridine	3.875	79	220892	20.814	ng		96
4) n-Nitrosodimethylamine	3.781	42	102746	20.746	ng	#	94
6) Aniline	7.428	93	319459	20.572	ng		100
8) 2-Chlorophenol	7.669	128	205927	21.020	ng		99
9) Benzaldehyde	7.240	77	141337	21.159	ng		99
10) Phenol	7.287	94	253951	20.639	ng		99
11) bis(2-Chloroethyl)ether	7.528	93	215775	20.922	ng		99
12) 1,3-Dichlorobenzene	7.999	146	229202	21.025	ng		99
13) 1,4-Dichlorobenzene	8.146	146	230764	21.030	ng		99
14) 1,2-Dichlorobenzene	8.469	146	220743	21.085	ng		98
15) Benzyl Alcohol	8.352	79	169326	19.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.646	45	280224m	21.066	ng		
17) 2-Methylphenol	8.557	107	181831	20.765	ng		99
18) Hexachloroethane	9.199	117	86909	21.015	ng		93
19) n-Nitroso-di-n-propyla...	8.922	70	163536	20.798	ng		98
20) 3+4-Methylphenols	8.887	107	240932	20.367	ng		97
22) Acetophenone	8.946	105	313208	20.714	ng	#	99
24) Nitrobenzene	9.328	77	245366	20.667	ng		95
25) Isophorone	9.857	82	429445	20.071	ng		99
26) 2-Nitrophenol	10.046	139	103362	19.836	ng		96
27) 2,4-Dimethylphenol	10.099	122	178034	20.379	ng		95
28) bis(2-Chloroethoxy)met...	10.340	93	270570	20.518	ng		100
29) 2,4-Dichlorophenol	10.581	162	182693	20.169	ng		98
30) 1,2,4-Trichlorobenzene	10.799	180	208460	20.631	ng		98
31) Naphthalene	10.993	128	632367	20.626	ng		99
32) Benzoic acid	10.204	122	92362	17.829	ng		93
33) 4-Chloroaniline	11.104	127	254334	20.065	ng		98
34) Hexachlorobutadiene	11.269	225	132145	20.642	ng		100
35) Caprolactam	11.875	113	50261	18.073	ng		96
36) 4-Chloro-3-methylphenol	12.210	107	197097	20.013	ng		98
37) 2-Methylnaphthalene	12.587	142	447608	20.542	ng		98
38) 1-Methylnaphthalene	12.804	142	414942	20.409	ng		100
40) 1,2,4,5-Tetrachloroben...	12.951	216	227119	20.683	ng		99
41) Hexachlorocyclopentadiene	12.928	237	117842	20.261	ng		98
43) 2,4,6-Trichlorophenol	13.193	196	144739	20.307	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	168670	20.130	ng	95
46) 1,1'-Biphenyl	13.587	154	556824	21.000	ng	100
47) 2-Chloronaphthalene	13.634	162	417701	20.883	ng	100
48) 2-Nitroaniline	13.840	65	122975	20.126	ng	98
49) Acenaphthylene	14.475	152	668584	20.890	ng	100
50) Dimethylphthalate	14.204	163	546936	20.890	ng	99
51) 2,6-Dinitrotoluene	14.328	165	112500	20.352	ng	97
52) Acenaphthene	14.816	154	395236	20.734	ng	99
53) 3-Nitroaniline	14.657	138	114279	20.228	ng	97
54) 2,4-Dinitrophenol	14.869	184	56706	19.443	ng	96
55) Dibenzofuran	15.151	168	653636	20.961	ng	99
56) 4-Nitrophenol	14.957	139	83992	19.625	ng	97
57) 2,4-Dinitrotoluene	15.116	165	145447	20.012	ng	97
58) Fluorene	15.798	166	504661	20.954	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	136263	20.333	ng	100
60) Diethylphthalate	15.557	149	547009	20.973	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	258763	20.983	ng	100
62) 4-Nitroaniline	15.816	138	110766	19.642	ng	98
63) Azobenzene	16.081	77	527421	21.198	ng	99
65) 4,6-Dinitro-2-methylph...	15.881	198	86777	20.196	ng	99
66) n-Nitrosodiphenylamine	16.004	169	444631	21.093	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	156891	20.511	ng	98
68) Hexachlorobenzene	16.804	284	174522	20.718	ng	97
69) Atrazine	16.951	200	141134	20.969	ng	98
70) Pentachlorophenol	17.151	266	115287	19.971	ng	97
71) Phenanthrene	17.545	178	794293	21.067	ng	99
72) Anthracene	17.639	178	797170	21.112	ng	99
73) Carbazole	17.904	167	706462	21.129	ng	100
74) Di-n-butylphthalate	18.439	149	922373	21.481	ng	100
75) Fluoranthene	19.498	202	938789	21.314	ng	100
77) Benzidine	19.680	184	224643	21.649	ng	99
78) Pyrene	19.851	202	969381	20.763	ng	99
80) Butylbenzylphthalate	20.710	149	409492	20.697	ng	98
81) Benzo(a)anthracene	21.569	228	950083	20.956	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	294118	21.004	ng	100
83) Chrysene	21.621	228	904634	20.809	ng	100
84) Bis(2-ethylhexyl)phtha...	21.469	149	612487	21.019	ng	100
85) Di-n-octyl phthalate	22.439	149	1018154	20.654	ng	100
87) Indeno(1,2,3-cd)pyrene	26.845	276	1138565	20.984	ng	99
88) Benzo(b)fluoranthene	23.351	252	974338	21.408	ng	97
89) Benzo(k)fluoranthene	23.404	252	926567	20.217	ng	99
90) Benzo(a)pyrene	24.021	252	919037	20.915	ng	100
91) Dibenzo(a,h)anthracene	26.862	278	937969	21.051	ng	100
92) Benzo(g,h,i)perylene	27.674	276	946916	20.915	ng	99

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

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