Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006508.D
Acq On : 05 Aug 2021 16:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 05 17:49:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	237325	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	967829	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	550684	20.000	ng		0.00
64) Phenanthrene-d10	17.140	188	1104638	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1073339	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	1141950	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1202446	77.821	ng		0.00
7) Phenol-d6	6.934	99	1713174	78.052	ng		0.00
23) Nitrobenzene-d5	8.916	82	1591386	75.896	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	477880	83.034	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2812546	76.413	ng		0.00
79) Terphenyl-d14	19.716	244	4154819	77.565	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	247954	36.860	ng		90
3) Pyridine	3.693	79	746725	37.768	ng		95
4) n-Nitrosodimethylamine	3.611	42	273221	36.613	ng	#	77
6) Aniline	7.093	93	931710	39.078	ng		96
8) 2-Chlorophenol	7.322	128	659977	39.476	ng		92
9) Benzaldehyde	6.911	77	505846	38.291	ng		94
10) Phenol	6.964	94	849044	38.577	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	636739	38.101	ng		92
12) 1,3-Dichlorobenzene	7.646	146	668949	38.392	ng		97
13) 1,4-Dichlorobenzene	7.793	146	672559	38.033	ng		98
14) 1,2-Dichlorobenzene	8.105	146	646498	38.099	ng		95
15) Benzyl Alcohol	8.005	79	644708	39.168	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	733309	36.875	ng		92
17) 2-Methylphenol	8.205	107	548310	39.454	ng		99
18) Hexachloroethane	8.822	117	262279	37.472	ng		89
19) n-Nitroso-di-n-propyla...	8.569	70	562520	38.200	ng		96
20) 3+4-Methylphenols	8.534	107	752863	39.800	ng		98
22) Acetophenone	8.581	105	978669	38.131	ng	#	99
24) Nitrobenzene	8.958	77	820537	37.645	ng		93
25) Isophorone	9.481	82	1484421	39.415	ng		95
26) 2-Nitrophenol	9.658	139	346380	43.667	ng		93
27) 2,4-Dimethylphenol	9.728	122	524935	39.519	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	761079	37.769	ng		99
29) 2,4-Dichlorophenol	10.193	162	537820	39.992	ng		95
30) 1,2,4-Trichlorobenzene	10.405	180	550583	38.101	ng		97
31) Naphthalene	10.593	128	1971197	37.903	ng		99
32) Benzoic acid	9.869	122	470950	45.831	ng		91
33) 4-Chloroaniline	10.705	127	815387	38.745	ng		95
34) Hexachlorobutadiene	10.875	225	323334	38.397	ng		99
35) Caprolactam	11.510	113	207865	42.866	ng	#	75
36) 4-Chloro-3-methylphenol	11.834	107	674966	39.503	ng		91
37) 2-Methylnaphthalene	12.204	142	1341712	38.073	ng		99
38) 1-Methylnaphthalene	12.422	142	1265847	37.798	ng		97
40) 1,2,4,5-Tetrachloroben...	12.575	216	553522	38.404	ng	#	95
41) Hexachlorocyclopentadiene	12.552	237	305879	40.014	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	408830	41.542	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	442061	40.580	ng	#	87
46) 1,1'-Biphenyl	13.222	154	1590549	38.159	ng		97
47) 2-Chloronaphthalene	13.263	162	1219147	37.982	ng		95
48) 2-Nitroaniline	13.475	65	460576	40.659	ng		89
49) Acenaphthylene	14.110	152	2014155	38.916	ng		100
50) Dimethylphthalate	13.857	163	1548344	38.626	ng		99
51) 2,6-Dinitrotoluene	13.975	165	356271	39.830	ng	#	85
52) Acenaphthene	14.451	154	1215851	38.599	ng		98
53) 3-Nitroaniline	14.304	138	402848	40.625	ng		87
54) 2,4-Dinitrophenol	14.510	184	205453	43.923	ng	#	87
55) Dibenzofuran	14.787	168	1867025	37.682	ng		97
56) 4-Nitrophenol	14.610	139	362863	42.143	ng		85
57) 2,4-Dinitrotoluene	14.763	165	495597	41.314	ng	#	83
58) Fluorene	15.440	166	1526162	38.537	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	368648	40.381	ng	#	72
60) Diethylphthalate	15.228	149	1647693	39.135	ng		98
61) 4-Chlorophenyl-phenyle...	15.440	204	683456	38.109	ng		92
62) 4-Nitroaniline	15.469	138	436928	41.524	ng		90
63) Azobenzene	15.734	77	1876246	38.223	ng		93
65) 4,6-Dinitro-2-methylph...	15.522	198	282681	41.881	ng		70
66) n-Nitrosodiphenylamine	15.657	169	1327054	38.221	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	410892	38.767	ng	#	88
68) Hexachlorobenzene	16.440	284	458854	38.043	ng	#	87
69) Atrazine	16.622	200	443739	40.956	ng		97
70) Pentachlorophenol	16.787	266	327314	42.771	ng		100
71) Phenanthrene	17.181	178	2355186	37.799	ng		100
72) Anthracene	17.275	178	2335400	38.789	ng		99
73) Carbazole	17.551	167	2389443	38.909	ng		98
74) Di-n-butylphthalate	18.116	149	2936413	41.969	ng		100
75) Fluoranthene	19.157	202	2704084	38.666	ng		94
77) Benzidine	19.345	184	1012834	37.710	ng		98
78) Pyrene	19.510	202	2785387	38.851	ng		99
80) Butylbenzylphthalate	20.404	149	1394115	44.222	ng		90
81) Benzo(a)anthracene	21.228	228	2672812	38.103	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	784755	42.614	ng	#	97
83) Chrysene	21.280	228	2592632	38.125	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	2032882	42.910	ng	#	98
85) Di-n-octyl phthalate	22.069	149	3560605	45.599	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.980	276	3151749	38.063	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	2753053	37.094	ng	#	95
89) Benzo(k)fluoranthene	22.916	252	2688829	37.734	ng	#	96
90) Benzo(a)pyrene	23.469	252	2578923	38.741	ng	#	95
91) Dibenzo(a,h)anthracene	26.004	278	2716870	37.949	ng	#	93
92) Benzo(g,h,i)perylene	26.727	276	2616412	38.137	ng	#	89

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

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