Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006822.D
Acq On : 21 Aug 2021 03:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 21 04:13:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	211219	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	869173	20.000	ng	#	0.00
39) Acenaphthene-d10	14.340	164	505604	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1013677	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	924302	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	1000775	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	988527	71.884	ng		0.00
7) Phenol-d6	6.887	99	1310769	67.100	ng		0.00
23) Nitrobenzene-d5	8.857	82	1259057	66.862	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	419253	79.342	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2380830	70.451	ng		0.00
79) Terphenyl-d14	19.680	244	3495786	75.785	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	196230	32.776	ng		96
3) Pyridine	3.634	79	548357	31.163	ng		97
4) n-Nitrosodimethylamine	3.546	42	187511	28.233	ng	#	76
6) Aniline	7.034	93	707978	33.365	ng		97
8) 2-Chlorophenol	7.263	128	539226	36.240	ng		94
9) Benzaldehyde	6.852	77	377660	32.121	ng		98
10) Phenol	6.916	94	646127	32.986	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	489731	32.927	ng		95
12) 1,3-Dichlorobenzene	7.581	146	570220	36.771	ng		98
13) 1,4-Dichlorobenzene	7.734	146	578116	36.733	ng		98
14) 1,2-Dichlorobenzene	8.046	146	548596	36.326	ng		96
15) Benzyl Alcohol	7.952	79	486603	33.216	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	503674	28.458	ng		97
17) 2-Methylphenol	8.152	107	430306	34.790	ng		100
18) Hexachloroethane	8.757	117	171336	27.504	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	416186	31.756	ng		94
20) 3+4-Methylphenols	8.481	107	583232	34.643	ng		97
22) Acetophenone	8.528	105	777308	33.723	ng	#	98
24) Nitrobenzene	8.899	77	641646	32.779	ng		93
25) Isophorone	9.428	82	1142624	33.783	ng		96
26) 2-Nitrophenol	9.604	139	280302	39.348	ng		94
27) 2,4-Dimethylphenol	9.681	122	417469	34.996	ng		99
28) bis(2-Chloroethoxy)met...	9.910	93	595607	32.912	ng		98
29) 2,4-Dichlorophenol	10.140	162	455884	37.747	ng		95
30) 1,2,4-Trichlorobenzene	10.346	180	478647	36.882	ng		97
31) Naphthalene	10.534	128	1652333	35.378	ng		99
32) Benzoic acid	9.852	122	394604	42.760	ng		93
33) 4-Chloroaniline	10.651	127	656819	34.753	ng		96
34) Hexachlorobutadiene	10.810	225	295275	39.045	ng		99
35) Caprolactam	11.481	113	157683	36.208	ng		83
36) 4-Chloro-3-methylphenol	11.793	107	556932	36.295	ng		89
37) 2-Methylnaphthalene	12.151	142	1131777	35.761	ng		99
38) 1-Methylnaphthalene	12.369	142	1069634	35.565	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	488010	36.878	ng		96
41) Hexachlorocyclopentadiene	12.493	237	30065	4.284	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	355957	39.394	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	383042	38.297	ng	#	90
46) 1,1'-Biphenyl	13.175	154	1346807	35.193	ng		97
47) 2-Chloronaphthalene	13.216	162	1041855	35.352	ng		96
48) 2-Nitroaniline	13.434	65	373773	35.938	ng		91
49) Acenaphthylene	14.063	152	1695503	35.680	ng		99
50) Dimethylphthalate	13.816	163	1258101	34.184	ng		99
51) 2,6-Dinitrotoluene	13.934	165	287459	35.003	ng	#	81
52) Acenaphthene	14.410	154	1013146	35.032	ng		97
53) 3-Nitroaniline	14.263	138	336246	36.932	ng		83
54) 2,4-Dinitrophenol	14.475	184	53326	12.417	ng	#	76
55) Dibenzofuran	14.745	168	1591071	34.976	ng		95
56) 4-Nitrophenol	14.592	139	277872	35.149	ng		89
57) 2,4-Dinitrotoluene	14.728	165	395819	35.939	ng	#	80
58) Fluorene	15.398	166	1286043	35.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	324559	38.722	ng	#	74
60) Diethylphthalate	15.187	149	1373292	35.526	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	581967	35.343	ng		92
62) 4-Nitroaniline	15.434	138	355717	36.820	ng		93
63) Azobenzene	15.692	77	1520555	33.739	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	85892	13.867	ng		76
66) n-Nitrosodiphenylamine	15.616	169	1103008	34.619	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	359012	36.912	ng	#	87
68) Hexachlorobenzene	16.398	284	402139	36.333	ng	#	86
69) Atrazine	16.586	200	346921	34.893	ng		97
70) Pentachlorophenol	16.751	266	266043	37.884	ng		98
71) Phenanthrene	17.145	178	1966445	34.392	ng		99
72) Anthracene	17.233	178	1966522	35.593	ng		99
73) Carbazole	17.516	167	1939740	34.420	ng		98
74) Di-n-butylphthalate	18.081	149	2469587	38.464	ng		100
75) Fluoranthene	19.128	202	2231634	34.774	ng		96
77) Benzidine	19.316	184	815601	35.263	ng		99
78) Pyrene	19.480	202	2289491	37.084	ng		98
80) Butylbenzylphthalate	20.369	149	1150201	42.367	ng		93
81) Benzo(a)anthracene	21.198	228	2195014	36.337	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	651397	41.076	ng	#	98
83) Chrysene	21.245	228	2103438	35.918	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1677993	41.130	ng	#	97
85) Di-n-octyl phthalate	22.033	149	2948280	43.845	ng		97
87) Indeno(1,2,3-cd)pyrene	25.921	276	2648989	36.504	ng	#	92
88) Benzo(b)fluoranthene	22.821	252	2264284	34.812	ng	#	96
89) Benzo(k)fluoranthene	22.874	252	2198197	35.200	ng	#	97
90) Benzo(a)pyrene	23.427	252	2110279	36.172	ng	#	95
91) Dibenzo(a,h)anthracene	25.939	278	2280090	36.341	ng	#	94
92) Benzo(g,h,i)perylene	26.657	276	2188870	36.406	ng	#	91

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

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