Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006749.D
Acq On : 18 Aug 2021 17:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/19/2021 1:27:37 PM

Quant Time: Aug 18 18:24:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	176396	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	739590	20.000	ng	#	0.00
39) Acenaphthene-d10	14.346	164	410161	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	800119	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	739332	20.000	ng	#	0.00
86) Perylene-d12	23.522	264	793905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	855233	74.468	ng		0.00
7) Phenol-d6	6.887	99	1170844	71.769	ng		0.00
23) Nitrobenzene-d5	8.863	82	1133570	70.746	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	327027	76.290	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	1992981	72.697	ng		0.00
79) Terphenyl-d14	19.686	244	2704997	73.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	177988	35.598	ng		96
3) Pyridine	3.640	79	503500	34.262	ng		97
4) n-Nitrosodimethylamine	3.558	42	175118	31.572	ng	#	71
6) Aniline	7.040	93	624860	35.261	ng		97
8) 2-Chlorophenol	7.269	128	462561	37.225	ng		93
9) Benzaldehyde	6.852	77	329763	33.584	ng		94
10) Phenol	6.917	94	576752	35.257	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	436557	35.146	ng		93
12) 1,3-Dichlorobenzene	7.587	146	480251	37.083	ng		98
13) 1,4-Dichlorobenzene	7.734	146	486801	37.037	ng		98
14) 1,2-Dichlorobenzene	8.046	146	467534	37.070	ng		97
15) Benzyl Alcohol	7.952	79	427999	34.984	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.240	45	474618	32.110	ng		95
17) 2-Methylphenol	8.152	107	381300	36.914	ng		99
18) Hexachloroethane	8.763	117	195134	37.508	ng	#	89
19) n-Nitroso-di-n-propyla...	8.516	70	381390	34.846	ng		95
20) 3+4-Methylphenols	8.481	107	521720	37.108	ng		97
22) Acetophenone	8.528	105	691350	35.249	ng	#	99
24) Nitrobenzene	8.905	77	576929	34.637	ng		93
25) Isophorone	9.428	82	1026213	35.658	ng		95
26) 2-Nitrophenol	9.610	139	244303	40.303	ng		94
27) 2,4-Dimethylphenol	9.681	122	365196	35.978	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	531985	34.547	ng		98
29) 2,4-Dichlorophenol	10.140	162	385462	37.508	ng		95
30) 1,2,4-Trichlorobenzene	10.352	180	400519	36.269	ng		98
31) Naphthalene	10.534	128	1402890	35.300	ng		100
32) Benzoic acid	9.834	122	306828	39.074	ng		94
33) 4-Chloroaniline	10.657	127	567254	35.272	ng		95
34) Hexachlorobutadiene	10.816	225	239126	37.160	ng		99
35) Caprolactam	11.469	113	135834	36.656	ng	#	71
36) 4-Chloro-3-methylphenol	11.793	107	473523	36.266	ng		92
37) 2-Methylnaphthalene	12.152	142	947593	35.187	ng		99
38) 1-Methylnaphthalene	12.375	142	898171	35.096	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	397599	37.037	ng	#	96
41) Hexachlorocyclopentadiene	12.499	237	204879	35.984	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	288663	39.381	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	307199	37.862	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1121591	36.127	ng		97
47) 2-Chloronaphthalene	13.216	162	864076	36.143	ng		94
48) 2-Nitroaniline	13.434	65	308434	36.557	ng		88
49) Acenaphthylene	14.063	152	1401360	36.352	ng		99
50) Dimethylphthalate	13.816	163	1064401	35.651	ng		99
51) 2,6-Dinitrotoluene	13.934	165	245625	36.868	ng	#	76
52) Acenaphthene	14.410	154	834490	35.569	ng		97
53) 3-Nitroaniline	14.263	138	266492	36.082	ng	#	83
54) 2,4-Dinitrophenol	14.475	184	133406	38.292	ng	#	78
55) Dibenzofuran	14.746	168	1301375	35.264	ng		94
56) 4-Nitrophenol	14.587	139	232953	36.324	ng		87
57) 2,4-Dinitrotoluene	14.728	165	334770	37.469	ng	#	79
58) Fluorene	15.398	166	1039896	35.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	255669	37.601	ng	#	73
60) Diethylphthalate	15.187	149	1129529	36.019	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	471200	35.275	ng	#	89
62) 4-Nitroaniline	15.434	138	262231m	33.460	ng		
63) Azobenzene	15.693	77	1285625	35.164	ng		93
65) 4,6-Dinitro-2-methylph...	15.493	198	184352	37.708	ng		75
66) n-Nitrosodiphenylamine	15.616	169	893683	35.536	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	281880	36.717	ng	#	88
68) Hexachlorobenzene	16.404	284	315593	36.124	ng	#	91
69) Atrazine	16.587	200	291267	37.115	ng		95
70) Pentachlorophenol	16.751	266	210629	37.999	ng		98
71) Phenanthrene	17.145	178	1578648	34.979	ng		100
72) Anthracene	17.240	178	1567215	35.937	ng		99
73) Carbazole	17.516	167	1556901	35.001	ng		98
74) Di-n-butylphthalate	18.081	149	1937623	38.234	ng		99
75) Fluoranthene	19.122	202	1739591	34.341	ng		95
77) Benzidine	19.316	184	640424	34.616	ng		99
78) Pyrene	19.481	202	1802986	36.510	ng		99
80) Butylbenzylphthalate	20.369	149	901662	41.522	ng		88
81) Benzo(a)anthracene	21.198	228	1749287	36.204	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	482404	38.030	ng	#	98
83) Chrysene	21.245	228	1675602	35.771	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1306942	40.050	ng	#	97
85) Di-n-octyl phthalate	22.033	149	2264300	42.098	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.916	276	2098919	36.461	ng	#	90
88) Benzo(b)fluoranthene	22.822	252	1822516	35.322	ng	#	97
89) Benzo(k)fluoranthene	22.869	252	1725713	34.835	ng	#	96
90) Benzo(a)pyrene	23.422	252	1676607	36.227	ng	#	95
91) Dibenzo(a,h)anthracene	25.933	278	1798819	36.141	ng	#	94
92) Benzo(g,h,i)perylene	26.645	276	1755625	36.809	ng	#	91

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

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