Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006804.D
Acq On : 20 Aug 2021 17:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/23/2021 12:28:00 PM

Quant Time: Aug 21 00:57:32 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	7.693	152	175787	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	742809	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	418710	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	819411	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	770803	20.000	ng	#	0.00
86) Perylene-d12	23.515	264	824278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	840469	73.436	ng		0.00
7) Phenol-d6	6.881	99	1140344	70.142	ng		0.00
23) Nitrobenzene-d5	8.857	82	1124304	69.863	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	338381	77.327	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2028524	72.483	ng		0.00
79) Terphenyl-d14	19.680	244	2843974	73.932	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	170567	34.232	ng		96
3) Pyridine	3.634	79	488424	33.351	ng		98
4) n-Nitrosodimethylamine	3.552	42	167200	30.249	ng	#	70
6) Aniline	7.034	93	615439	34.850	ng		98
8) 2-Chlorophenol	7.263	128	458509	37.027	ng		96
9) Benzaldehyde	6.846	77	317240	32.421	ng		94
10) Phenol	6.905	94	566249	34.735	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	427138	34.507	ng		93
12) 1,3-Dichlorobenzene	7.581	146	477156	36.971	ng		98
13) 1,4-Dichlorobenzene	7.728	146	481661	36.773	ng		98
14) 1,2-Dichlorobenzene	8.040	146	463205	36.854	ng		96
15) Benzyl Alcohol	7.946	79	422005	34.613	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	457946m	31.089	ng		
17) 2-Methylphenol	8.146	107	375813	36.509	ng		99
18) Hexachloroethane	8.757	117	192954	37.218	ng		90
19) n-Nitroso-di-n-propyla...	8.510	70	377868	34.643	ng		94
20) 3+4-Methylphenols	8.475	107	515850	36.817	ng		96
22) Acetophenone	8.522	105	690154	35.035	ng	#	98
24) Nitrobenzene	8.899	77	571864	34.184	ng		93
25) Isophorone	9.422	82	1024921	35.458	ng		95
26) 2-Nitrophenol	9.604	139	242796	39.881	ng		95
27) 2,4-Dimethylphenol	9.669	122	364965	35.799	ng		95
28) bis(2-Chloroethoxy)met...	9.910	93	528828	34.194	ng		98
29) 2,4-Dichlorophenol	10.134	162	388101	37.601	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	400554	36.115	ng		97
31) Naphthalene	10.528	128	1411304	35.358	ng		99
32) Benzoic acid	9.828	122	301747	38.260	ng		92
33) 4-Chloroaniline	10.651	127	568109	35.172	ng		96
34) Hexachlorobutadiene	10.810	225	243173	37.625	ng		98
35) Caprolactam	11.463	113	136847	36.770	ng	#	76
36) 4-Chloro-3-methylphenol	11.787	107	475267	36.242	ng		91
37) 2-Methylnaphthalene	12.145	142	959548	35.477	ng		100
38) 1-Methylnaphthalene	12.369	142	910013	35.405	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	403875	36.854	ng	#	96
41) Hexachlorocyclopentadiene	12.493	237	191501	32.948	ng		96
43) 2,4,6-Trichlorophenol	12.769	196	291672	38.979	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	315824	38.130	ng	#	90
46) 1,1'-Biphenyl	13.169	154	1137250	35.884	ng		97
47) 2-Chloronaphthalene	13.210	162	875520	35.874	ng		95
48) 2-Nitroaniline	13.428	65	308953	35.871	ng		89
49) Acenaphthylene	14.057	152	1434176	36.444	ng		100
50) Dimethylphthalate	13.810	163	1092804	35.855	ng		99
51) 2,6-Dinitrotoluene	13.934	165	248239	36.500	ng	#	80
52) Acenaphthene	14.404	154	849829	35.483	ng		97
53) 3-Nitroaniline	14.263	138	271816	36.051	ng		86
54) 2,4-Dinitrophenol	14.469	184	130028	36.560	ng	#	78
55) Dibenzofuran	14.739	168	1328320	35.260	ng		94
56) 4-Nitrophenol	14.581	139	231330	35.335	ng		88
57) 2,4-Dinitrotoluene	14.722	165	342883	37.593	ng	#	79
58) Fluorene	15.392	166	1067740	35.460	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	263534	37.966	ng	#	72
60) Diethylphthalate	15.181	149	1153988	36.048	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	488356	35.813	ng	#	89
62) 4-Nitroaniline	15.428	138	285883	35.733	ng		93
63) Azobenzene	15.686	77	1306206	34.997	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	186723	37.294	ng		76
66) n-Nitrosodiphenylamine	15.616	169	915386	35.542	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	289729	36.851	ng	#	89
68) Hexachlorobenzene	16.398	284	324847	36.308	ng	#	89
69) Atrazine	16.581	200	293589	36.530	ng		97
70) Pentachlorophenol	16.745	266	214115	37.718	ng		99
71) Phenanthrene	17.139	178	1624216	35.141	ng		99
72) Anthracene	17.233	178	1592623	35.660	ng		100
73) Carbazole	17.510	167	1599713	35.116	ng		99
74) Di-n-butylphthalate	18.075	149	1986579	38.277	ng		99
75) Fluoranthene	19.122	202	1835022	35.372	ng		95
77) Benzidine	19.316	184	716981	37.172	ng		99
78) Pyrene	19.474	202	1896161	36.829	ng		99
80) Butylbenzylphthalate	20.369	149	924262	40.825	ng		91
81) Benzo(a)anthracene	21.192	228	1820225	36.134	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	496064	37.510	ng	#	97
83) Chrysene	21.245	228	1754861	35.934	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1364089	40.094	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2375677	42.365	ng		97
87) Indeno(1,2,3-cd)pyrene	25.909	276	2160258	36.144	ng	#	91
88) Benzo(b)fluoranthene	22.816	252	1858375	34.689	ng	#	96
89) Benzo(k)fluoranthene	22.868	252	1811302	35.215	ng	#	97
90) Benzo(a)pyrene	23.415	252	1735887	36.126	ng	#	96
91) Dibenzo(a,h)anthracene	25.927	278	1852078	35.840	ng	#	94
92) Benzo(g,h,i)perylene	26.645	276	1797599	36.300	ng	#	92

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

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