Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
Data File : BP010977.D
Acq On : 15 Jul 2022 09:57
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 15 13:12:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 13:10:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	410885	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	1619114	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	911186	20.000	ng		0.00
64) Phenanthrene-d10	17.116	188	1835457	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1778136	20.000	ng	#	0.00
86) Perylene-d12	23.598	264	1864797	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	515951	21.672	ng		0.00
7) Phenol-d6	6.863	99	648425	19.916	ng		0.00
23) Nitrobenzene-d5	8.846	82	567133	16.495	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	178567	14.391	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1205795	19.037	ng		0.00
79) Terphenyl-d14	19.704	244	1720760	18.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	112805	11.788	ng	#	86
3) Pyridine	3.611	79	301894	11.158	ng	#	82
4) n-Nitrosodimethylamine	3.522	42	128836	8.533	ng	#	62
6) Aniline	7.016	93	370925	9.745	ng		92
8) 2-Chlorophenol	7.252	128	269253	10.416	ng		93
9) Benzaldehyde	6.834	77	208847	10.615	ng		92
10) Phenol	6.887	94	332269	9.892	ng		84
11) bis(2-Chloroethyl)ether	7.122	93	264249	10.237	ng		91
12) 1,3-Dichlorobenzene	7.569	146	304756	10.299	ng	#	91
13) 1,4-Dichlorobenzene	7.722	146	309438	10.219	ng		98
14) 1,2-Dichlorobenzene	8.034	146	290909	9.980	ng		98
15) Benzyl Alcohol	7.934	79	216186	8.370	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.222	45	373022	8.597	ng		97
17) 2-Methylphenol	8.134	107	219866	9.694	ng		93
18) Hexachloroethane	8.757	117	107559	9.154	ng		90
19) n-Nitroso-di-n-propyla...	8.499	70	194033	8.450	ng		88
20) 3+4-Methylphenols	8.463	107	300074	9.638	ng		95
22) Acetophenone	8.510	105	390003	9.038	ng	#	89
24) Nitrobenzene	8.887	77	289255	8.333	ng		92
25) Isophorone	9.416	82	488194	8.297	ng		97
26) 2-Nitrophenol	9.599	139	119787	8.397	ng	#	85
27) 2,4-Dimethylphenol	9.663	122	200623	9.593	ng		89
28) bis(2-Chloroethoxy)met...	9.904	93	301254	9.506	ng		99
29) 2,4-Dichlorophenol	10.128	162	216038	8.771	ng		99
30) 1,2,4-Trichlorobenzene	10.346	180	242340	8.512	ng		97
31) Naphthalene	10.528	128	850740	9.847	ng		99
32) Benzoic acid	9.746	122	142157	9.259	ng		91
33) 4-Chloroaniline	10.651	127	320315	9.438	ng	#	92
34) Hexachlorobutadiene	10.816	225	135715	7.026	ng		99
35) Caprolactam	11.434	113	72463	8.637	ng	#	78
36) 4-Chloro-3-methylphenol	11.781	107	241547	8.215	ng		98
37) 2-Methylnaphthalene	12.151	142	556460	9.237	ng		97
38) 1-Methylnaphthalene	12.375	142	539191	9.096	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	235093	8.387	ng		97
41) Hexachlorocyclopentadiene	12.498	237	121161	10.449	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	163050	8.965	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	175631	8.682	ng		96
46) 1,1'-Biphenyl	13.175	154	686285	10.213	ng		99
47) 2-Chloronaphthalene	13.216	162	519206	9.874	ng		99
48) 2-Nitroaniline	13.428	65	153379	7.871	ng		91
49) Acenaphthylene	14.069	152	815961	9.788	ng		100
50) Dimethylphthalate	13.816	163	653748	9.438	ng		99
51) 2,6-Dinitrotoluene	13.928	165	126486	8.567	ng		93
52) Acenaphthene	14.410	154	504856	9.988	ng		96
53) 3-Nitroaniline	14.263	138	141242	9.348	ng		94
54) 2,4-Dinitrophenol	14.463	184	59377	7.181	ng		98
55) Dibenzofuran	14.751	168	785362	9.664	ng		99
56) 4-Nitrophenol	14.575	139	122121	10.799	ng	#	75
57) 2,4-Dinitrotoluene	14.722	165	161273	7.849	ng	#	91
58) Fluorene	15.404	166	640535	9.459	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	152036	8.253	ng		92
60) Diethylphthalate	15.192	149	666417	9.397	ng		99
61) 4-Chlorophenyl-phenyle...	15.404	204	285636	8.310	ng		98
62) 4-Nitroaniline	15.434	138	142924	9.218	ng	#	82
63) Azobenzene	15.698	77	635669	8.936	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	77946	6.768	ng		92
66) n-Nitrosodiphenylamine	15.622	169	534981	9.981	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	168328	8.425	ng		94
68) Hexachlorobenzene	16.410	284	190589	8.249	ng		98
69) Atrazine	16.592	200	173397	9.096	ng		95
70) Pentachlorophenol	16.763	266	120574	9.576	ng		98
71) Phenanthrene	17.157	178	1003110	9.940	ng		99
72) Anthracene	17.251	178	944549	9.680	ng		100
73) Carbazole	17.528	167	921090	10.576	ng		100
74) Di-n-butylphthalate	18.098	149	1289052	11.285	ng		98
75) Fluoranthene	19.145	202	1115837	9.343	ng		95
77) Benzidine	19.345	184	22102	0.636	ng	#	95
78) Pyrene	19.498	202	1160507	9.674	ng		99
80) Butylbenzylphthalate	20.398	149	533052	10.366	ng		94
81) Benzo(a)anthracene	21.221	228	1146193	9.696	ng		98
82) 3,3'-Dichlorobenzidine	21.163	252	289176	8.381	ng	#	98
83) Chrysene	21.274	228	1091708	9.671	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	790658	10.826	ng		98
85) Di-n-octyl phthalate	22.080	149	1316848	10.730	ng		95
87) Indeno(1,2,3-cd)pyrene	26.033	276	1319468	9.724	ng	#	90
88) Benzo(b)fluoranthene	22.874	252	1097797	9.434	ng	#	95
89) Benzo(k)fluoranthene	22.927	252	1128838	9.518	ng	#	96
90) Benzo(a)pyrene	23.492	252	918022	9.424	ng	#	96
91) Dibenzo(a,h)anthracene	26.062	278	1119571	9.865	ng	#	93
92) Benzo(g,h,i)perylene	26.786	276	1089957	9.689	ng	#	91

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

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