Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031722\
Data File : BP009444.D
Acq On : 17 Mar 2022 15:25
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 17 17:47:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 17:43:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	431152	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1660692	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	1069775	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	2332069	20.000	ng		0.00
76) Chrysene-d12	21.322	240	2294573	20.000	ng		0.00
86) Perylene-d12	23.727	264	2564151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	2373276	80.348	ng		0.00
7) Phenol-d6	6.999	99	3266233	87.016	ng		0.00
23) Nitrobenzene-d5	8.963	82	3130887	103.839	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1802451	139.535	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	7281697	93.607	ng		0.00
79) Terphenyl-d14	19.786	244	11897643	97.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	446944	35.548	ng		96
3) Pyridine	3.722	79	1273597m	47.527	ng		
4) n-Nitrosodimethylamine	3.634	42	489891	43.835	ng		100
6) Aniline	7.134	93	1879391	39.529	ng		98
8) 2-Chlorophenol	7.375	128	1363143	45.053	ng		98
9) Benzaldehyde	6.946	77	766853	32.065	ng		95
10) Phenol	7.022	94	1648926	42.422	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	1292715	42.975	ng		95
12) 1,3-Dichlorobenzene	7.693	146	1519257	42.620	ng		98
13) 1,4-Dichlorobenzene	7.834	146	1557880	43.074	ng		99
14) 1,2-Dichlorobenzene	8.152	146	1498895	43.362	ng		99
15) Benzyl Alcohol	8.052	79	1326443	50.108	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1390458	35.611	ng		95
17) 2-Methylphenol	8.263	107	1134277	45.082	ng		98
18) Hexachloroethane	8.875	117	542805	43.122	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	1017902	44.963	ng		96
20) 3+4-Methylphenols	8.593	107	1571072	46.593	ng		98
22) Acetophenone	8.628	105	2017803	45.453	ng	#	98
24) Nitrobenzene	9.005	77	1473588	46.116	ng		96
25) Isophorone	9.534	82	2657620	47.123	ng		98
26) 2-Nitrophenol	9.710	139	800215	64.645	ng		95
27) 2,4-Dimethylphenol	9.787	122	1094551	40.203	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	1705028	46.197	ng		99
29) 2,4-Dichlorophenol	10.257	162	1343786	51.174	ng		100
30) 1,2,4-Trichlorobenzene	10.463	180	1507896	49.063	ng		98
31) Naphthalene	10.646	128	4188062	45.539	ng		100
32) Benzoic acid	10.010	122	944781	68.325	ng		94
33) 4-Chloroaniline	10.763	127	1761411	46.843	ng		98
34) Hexachlorobutadiene	10.940	225	1025193	54.775	ng		99
35) Caprolactam	11.587	113	462757	59.871	ng		89
36) 4-Chloro-3-methylphenol	11.910	107	1434287	52.326	ng		99
37) 2-Methylnaphthalene	12.263	142	2933368	44.892	ng		98
38) 1-Methylnaphthalene	12.481	142	2855200	47.446	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1745700	48.424	ng		99
41) Hexachlorocyclopentadiene	12.616	237	753750	33.011	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	1198211	55.354	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1283880	54.074	ng		98
46) 1,1'-Biphenyl	13.281	154	3840383	43.970	ng		98
47) 2-Chloronaphthalene	13.316	162	3038174	45.924	ng		99
48) 2-Nitroaniline	13.528	65	893331	58.728	ng		95
49) Acenaphthylene	14.169	152	4711133	46.089	ng		100
50) Dimethylphthalate	13.916	163	3941331	49.952	ng		99
51) 2,6-Dinitrotoluene	14.028	165	862858	55.377	ng		94
52) Acenaphthene	14.510	154	2802655	42.781	ng		99
53) 3-Nitroaniline	14.363	138	928676	56.109	ng		93
54) 2,4-Dinitrophenol	14.569	184	552015	82.738	ng		96
55) Dibenzofuran	14.845	168	4678327	47.142	ng		98
56) 4-Nitrophenol	14.698	139	740019	53.763	ng		97
57) 2,4-Dinitrotoluene	14.822	165	1206611	60.480	ng		94
58) Fluorene	15.498	166	3676266	47.305	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	1171328	58.590	ng		93
60) Diethylphthalate	15.281	149	3954830	51.481	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	2032354	51.341	ng		98
62) 4-Nitroaniline	15.534	138	990907	61.739	ng		97
63) Azobenzene	15.787	77	3460790	45.855	ng		97
65) 4,6-Dinitro-2-methylph...	15.592	198	833574	81.263	ng		92
66) n-Nitrosodiphenylamine	15.716	169	3305121	45.149	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	1396514	55.504	ng		95
68) Hexachlorobenzene	16.516	284	1599443	54.198	ng		94
69) Atrazine	16.681	200	1140101	44.243	ng		98
70) Pentachlorophenol	16.869	266	969485	54.582	ng		99
71) Phenanthrene	17.251	178	6002837	44.789	ng		100
72) Anthracene	17.345	178	5963041	44.699	ng		99
73) Carbazole	17.622	167	5831315	47.973	ng		99
74) Di-n-butylphthalate	18.181	149	6782633	50.414	ng		99
75) Fluoranthene	19.233	202	7305887	47.227	ng		98
77) Benzidine	19.410	184	2293359	28.635	ng		99
78) Pyrene	19.586	202	7369002	47.565	ng		99
80) Butylbenzylphthalate	20.469	149	3134106	56.047	ng		92
81) Benzo(a)anthracene	21.304	228	7320634	47.070	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	2800291	49.050	ng	#	99
83) Chrysene	21.363	228	6829029	45.225	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	4193264	46.887	ng	#	98
85) Di-n-octyl phthalate	22.163	149	7291696	49.799	ng		97
87) Indeno(1,2,3-cd)pyrene	26.262	276	9588315	48.129	ng	#	94
88) Benzo(b)fluoranthene	22.998	252	7481828	43.216	ng		99
89) Benzo(k)fluoranthene	23.045	252	7224905m	43.682	ng		
90) Benzo(a)pyrene	23.621	252	6414413	39.064	ng	#	97
91) Dibenzo(a,h)anthracene	26.268	278	7918381	46.874	ng	#	96
92) Benzo(g,h,i)perylene	27.021	276	7915043	47.428	ng	#	94

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

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