Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009617.D
Acq On : 30 Mar 2022 14:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 31 04:39:23 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 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	221760	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	911561	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	592858	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1384188	20.000	ng		0.00
76) Chrysene-d12	21.274	240	1202904	20.000	ng	#	0.00
86) Perylene-d12	23.651	264	1307300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1177919	92.738	ng		0.00
7) Phenol-d6	6.934	99	1478670	86.084	ng		0.00
23) Nitrobenzene-d5	8.899	82	1322851	77.117	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	850903	86.976	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	3277964	76.649	ng		0.00
79) Terphenyl-d14	19.739	244	5290062	78.935	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	191515	38.068	ng		94
3) Pyridine	3.658	79	536599	39.603	ng		98
4) n-Nitrosodimethylamine	3.575	42	186614	37.397	ng		90
6) Aniline	7.069	93	811587	41.456	ng		98
8) 2-Chlorophenol	7.310	128	598313	41.310	ng		97
9) Benzaldehyde	6.881	77	359850	44.719	ng		97
10) Phenol	6.957	94	748390	43.429	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	554198	40.636	ng		97
12) 1,3-Dichlorobenzene	7.628	146	644032	39.398	ng		98
13) 1,4-Dichlorobenzene	7.775	146	655719	39.233	ng		99
14) 1,2-Dichlorobenzene	8.093	146	635252	39.324	ng		99
15) Benzyl Alcohol	7.987	79	537666	39.260	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	576734	39.011	ng		95
17) 2-Methylphenol	8.199	107	482554	40.635	ng		98
18) Hexachloroethane	8.810	117	230643	39.376	ng		92
19) n-Nitroso-di-n-propyla...	8.552	70	432973	39.852	ng		95
20) 3+4-Methylphenols	8.528	107	674531	41.310	ng		96
22) Acetophenone	8.563	105	867322	38.442	ng	#	98
24) Nitrobenzene	8.940	77	614291	37.909	ng		96
25) Isophorone	9.469	82	1121881	38.342	ng		97
26) 2-Nitrophenol	9.651	139	334293	39.578	ng		94
27) 2,4-Dimethylphenol	9.728	122	474571	39.818	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	771312	40.486	ng		99
29) 2,4-Dichlorophenol	10.199	162	609788	41.944	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	685141	40.677	ng		99
31) Naphthalene	10.581	128	1856768	39.544	ng		100
32) Benzoic acid	9.928	122	404187	43.376	ng		93
33) 4-Chloroaniline	10.698	127	780649	40.743	ng		98
34) Hexachlorobutadiene	10.869	225	453225	39.712	ng		100
35) Caprolactam	11.504	113	196471	40.043	ng		89
36) 4-Chloro-3-methylphenol	11.851	107	626673	40.115	ng		99
37) 2-Methylnaphthalene	12.204	142	1320606	40.085	ng		99
38) 1-Methylnaphthalene	12.422	142	1227008	38.232	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	764505	38.866	ng		98
41) Hexachlorocyclopentadiene	12.557	237	331175	42.442	ng		98
43) 2,4,6-Trichlorophenol	12.828	196	537769	41.246	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	572295	40.421	ng		95
46) 1,1'-Biphenyl	13.222	154	1800722	40.715	ng		98
47) 2-Chloronaphthalene	13.263	162	1396390	40.102	ng		100
48) 2-Nitroaniline	13.475	65	366600	38.656	ng		92
49) Acenaphthylene	14.110	152	2164362	40.264	ng		100
50) Dimethylphthalate	13.857	163	1830533	40.749	ng		100
51) 2,6-Dinitrotoluene	13.975	165	394183	41.880	ng		92
52) Acenaphthene	14.457	154	1248584	38.884	ng		100
53) 3-Nitroaniline	14.304	138	379618	38.185	ng		96
54) 2,4-Dinitrophenol	14.528	184	223872	40.641	ng		94
55) Dibenzofuran	14.792	168	2114302	39.194	ng		100
56) 4-Nitrophenol	14.645	139	291962	39.398	ng		96
57) 2,4-Dinitrotoluene	14.775	165	525343	40.593	ng		95
58) Fluorene	15.445	166	1699199	40.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	549226	42.790	ng		93
60) Diethylphthalate	15.228	149	1805415	40.156	ng		99
61) 4-Chlorophenyl-phenyle...	15.439	204	939197	40.187	ng		96
62) 4-Nitroaniline	15.481	138	436203	41.779	ng		99
63) Azobenzene	15.739	77	1773303	45.340	ng		96
65) 4,6-Dinitro-2-methylph...	15.545	198	357491	40.164	ng		90
66) n-Nitrosodiphenylamine	15.663	169	1487503	36.314	ng		98
67) 4-Bromophenyl-phenylether	16.339	248	677864	40.021	ng		95
68) Hexachlorobenzene	16.463	284	781140	40.071	ng		94
69) Atrazine	16.628	200	596486	41.418	ng		98
70) Pentachlorophenol	16.816	266	415482	39.872	ng		98
71) Phenanthrene	17.198	178	2893851	39.055	ng		100
72) Anthracene	17.292	178	2718239	37.156	ng		100
73) Carbazole	17.569	167	2329260	32.556	ng		99
74) Di-n-butylphthalate	18.128	149	2791127	33.291	ng		99
75) Fluoranthene	19.180	202	2964129	33.043	ng		98
77) Benzidine	19.369	184	1110736	37.672	ng		99
78) Pyrene	19.539	202	3020416	38.105	ng		100
80) Butylbenzylphthalate	20.422	149	1289883	38.285	ng		89
81) Benzo(a)anthracene	21.263	228	3101187	39.241	ng		99
82) 3,3'-Dichlorobenzidine	21.192	252	1186479	38.862	ng	#	98
83) Chrysene	21.310	228	2930411	39.159	ng		99
84) Bis(2-ethylhexyl)phtha...	21.192	149	1852275	39.443	ng	#	98
85) Di-n-octyl phthalate	22.104	149	3175394	39.229	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.139	276	3859880	38.917	ng	#	93
88) Benzo(b)fluoranthene	22.927	252	3167028	40.581	ng	#	98
89) Benzo(k)fluoranthene	22.980	252	2976904	38.959	ng	#	98
90) Benzo(a)pyrene	23.551	252	2626705	39.339	ng	#	97
91) Dibenzo(a,h)anthracene	26.151	278	3233048	39.112	ng	#	96
92) Benzo(g,h,i)perylene	26.898	276	3167890	38.957	ng	#	93

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

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