Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009672.D
Acq On : 04 Apr 2022 11:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 04 23:22:41 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	7.728	152	341453	20.000	ng		-0.01
21) Naphthalene-d8	10.516	136	1400072	20.000	ng		-0.02
39) Acenaphthene-d10	14.380	164	903046	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1826005	20.000	ng		-0.01
76) Chrysene-d12	21.268	240	1655295	20.000	ng		0.00
86) Perylene-d12	23.639	264	1510456	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1613767	82.516	ng		-0.01
7) Phenol-d6	6.922	99	2262845	85.558	ng		-0.01
23) Nitrobenzene-d5	8.887	82	2179813	82.736	ng		-0.01
42) 2,4,6-Tribromophenol	15.886	330	992420	66.597	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4955880	76.079	ng		-0.01
79) Terphenyl-d14	19.727	244	7453512	80.821	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	318740	41.148	ng		98
3) Pyridine	3.652	79	918158	44.009	ng		99
4) n-Nitrosodimethylamine	3.569	42	351514	45.749	ng		100
6) Aniline	7.063	93	1297034	43.029	ng		98
8) 2-Chlorophenol	7.298	128	912792	40.931	ng		99
9) Benzaldehyde	6.875	77	572329	46.574	ng		97
10) Phenol	6.951	94	1144555	43.136	ng		99
11) bis(2-Chloroethyl)ether	7.157	93	899670	42.843	ng		99
12) 1,3-Dichlorobenzene	7.616	146	990836	39.366	ng		99
13) 1,4-Dichlorobenzene	7.763	146	1016035	39.481	ng		99
14) 1,2-Dichlorobenzene	8.075	146	985633	39.626	ng		99
15) Benzyl Alcohol	7.981	79	820306	38.901	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1066500	46.852	ng		97
17) 2-Methylphenol	8.187	107	775110	42.391	ng		99
18) Hexachloroethane	8.798	117	361201	40.049	ng		97
19) n-Nitroso-di-n-propyla...	8.540	70	733369	43.839	ng		99
20) 3+4-Methylphenols	8.522	107	1074878	42.753	ng		99
22) Acetophenone	8.557	105	1411787	40.741	ng	#	98
24) Nitrobenzene	8.928	77	1033380	41.520	ng		98
25) Isophorone	9.457	82	1909417	42.488	ng		99
26) 2-Nitrophenol	9.640	139	534995	41.239	ng		98
27) 2,4-Dimethylphenol	9.716	122	767861	41.946	ng		100
28) bis(2-Chloroethoxy)met...	9.940	93	1237270	42.283	ng		98
29) 2,4-Dichlorophenol	10.187	162	909212	40.719	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	998075	38.581	ng		100
31) Naphthalene	10.569	128	2853650	39.569	ng		100
32) Benzoic acid	9.934	122	616388	43.068	ng		96
33) 4-Chloroaniline	10.687	127	1200460	40.792	ng		100
34) Hexachlorobutadiene	10.857	225	636837	36.331	ng		99
35) Caprolactam	11.510	113	306903	40.726	ng		98
36) 4-Chloro-3-methylphenol	11.839	107	954777	39.792	ng		99
37) 2-Methylnaphthalene	12.186	142	2025721	40.034	ng		100
38) 1-Methylnaphthalene	12.410	142	1968595	39.936	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1122086	37.450	ng		99
41) Hexachlorocyclopentadiene	12.539	237	392821	34.663	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	771328	38.839	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	811049	37.608	ng		99
46) 1,1'-Biphenyl	13.210	154	2650194	39.339	ng		99
47) 2-Chloronaphthalene	13.251	162	2065270	38.939	ng		99
48) 2-Nitroaniline	13.463	65	621882	43.050	ng		98
49) Acenaphthylene	14.098	152	3194997	39.021	ng		100
50) Dimethylphthalate	13.845	163	2610464	38.150	ng		99
51) 2,6-Dinitrotoluene	13.969	165	561649	39.175	ng		98
52) Acenaphthene	14.445	154	1908116	39.012	ng		99
53) 3-Nitroaniline	14.298	138	604666	39.930	ng		97
54) 2,4-Dinitrophenol	14.528	184	321072	38.531	ng		97
55) Dibenzofuran	14.780	168	3141750	38.235	ng		99
56) 4-Nitrophenol	14.645	139	394270	34.929	ng		98
57) 2,4-Dinitrotoluene	14.769	165	760255	38.566	ng	#	93
58) Fluorene	15.433	166	2459276	38.055	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.022	232	710304	36.331	ng		96
60) Diethylphthalate	15.216	149	2621418	38.278	ng		100
61) 4-Chlorophenyl-phenyle...	15.427	204	1326153	37.253	ng		97
62) 4-Nitroaniline	15.475	138	616889	38.790	ng		98
63) Azobenzene	15.727	77	2521310	42.322	ng		99
65) 4,6-Dinitro-2-methylph...	15.545	198	464888	39.593	ng		95
66) n-Nitrosodiphenylamine	15.651	169	2189478	40.518	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	857400	38.372	ng		94
68) Hexachlorobenzene	16.457	284	942250	36.641	ng		96
69) Atrazine	16.616	200	759781	39.991	ng		98
70) Pentachlorophenol	16.810	266	469877	34.181	ng		98
71) Phenanthrene	17.192	178	3892268	39.820	ng		100
72) Anthracene	17.280	178	3856810	39.964	ng		99
73) Carbazole	17.557	167	3745734	39.687	ng		100
74) Di-n-butylphthalate	18.116	149	4511287	40.789	ng		99
75) Fluoranthene	19.174	202	4518417	38.183	ng		99
77) Benzidine	19.357	184	1585282	39.072	ng		100
78) Pyrene	19.527	202	4598047	42.154	ng		99
80) Butylbenzylphthalate	20.410	149	2019955	43.569	ng		97
81) Benzo(a)anthracene	21.251	228	4345994	39.962	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	1538948	36.631	ng		98
83) Chrysene	21.304	228	4065603	39.480	ng		99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2759493	42.702	ng		99
85) Di-n-octyl phthalate	22.092	149	4609483	41.383	ng		99
87) Indeno(1,2,3-cd)pyrene	26.121	276	3934955	34.338	ng		96
88) Benzo(b)fluoranthene	22.921	252	3845247	42.644	ng		98
89) Benzo(k)fluoranthene	22.968	252	3709327	42.015	ng		99
90) Benzo(a)pyrene	23.539	252	3101308	40.200	ng		98
91) Dibenzo(a,h)anthracene	26.133	278	3285589	34.402	ng		97
92) Benzo(g,h,i)perylene	26.874	276	3137085	33.389	ng		97

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

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