Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
Data File : BP019874.D
Acq On : 24 Feb 2024 22:36
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 26 00:16:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	103214	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	408098	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	280405	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	670797	20.000	ng		0.00
76) Chrysene-d12	21.410	240	696843	20.000	ng		-0.02
86) Perylene-d12	23.839	264	766726	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	487833	76.186	ng		0.00
7) Phenol-d6	7.075	99	674077	78.074	ng		0.00
23) Nitrobenzene-d5	9.075	82	728220	77.322	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	389944	95.245	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1675527	73.869	ng		0.00
79) Terphenyl-d14	19.874	244	3368676	79.500	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	85377	34.608	ng		98
3) Pyridine	3.787	79	251673	37.628	ng		99
4) n-Nitrosodimethylamine	3.705	42	108069	37.112	ng		98
6) Aniline	7.234	93	329204	39.241	ng		98
8) 2-Chlorophenol	7.463	128	256650	39.041	ng		98
9) Benzaldehyde	7.052	77	272216	44.970	ng		98
10) Phenol	7.104	94	337159	39.181	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	263233	39.319	ng		99
12) 1,3-Dichlorobenzene	7.787	146	312274	38.821	ng		99
13) 1,4-Dichlorobenzene	7.934	146	315189	38.675	ng		99
14) 1,2-Dichlorobenzene	8.246	146	306282	38.843	ng		99
15) Benzyl Alcohol	8.151	79	274492	39.790	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	268747	40.143	ng		99
17) 2-Methylphenol	8.351	107	229123	39.549	ng		99
18) Hexachloroethane	8.963	117	122160	38.672	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	232287	39.389	ng		98
20) 3+4-Methylphenols	8.681	107	316324	40.008	ng		97
22) Acetophenone	8.734	105	439160	37.774	ng	#	99
24) Nitrobenzene	9.116	77	368537	38.865	ng		99
25) Isophorone	9.640	82	651092	39.696	ng		99
26) 2-Nitrophenol	9.822	139	153087	42.340	ng		96
27) 2,4-Dimethylphenol	9.881	122	174891	37.828	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	360955	38.895	ng		100
29) 2,4-Dichlorophenol	10.357	162	275227	39.381	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	331147	38.644	ng		98
31) Naphthalene	10.751	128	854876	38.194	ng		100
32) Benzoic acid	10.051	122	205265	45.569	ng		98
33) 4-Chloroaniline	10.875	127	323476	39.080	ng		99
34) Hexachlorobutadiene	11.016	225	248351	39.110	ng		100
35) Caprolactam	11.692	113	91407	46.200	ng		96
36) 4-Chloro-3-methylphenol	12.004	107	319234	41.892	ng		98
37) 2-Methylnaphthalene	12.363	142	609716	39.363	ng		99
38) 1-Methylnaphthalene	12.581	142	605385	39.771	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	404769	37.429	ng		99
41) Hexachlorocyclopentadiene	12.692	237	256355	52.475	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	258829	39.526	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	288807	40.165	ng	98
46) 1,1'-Biphenyl	13.375	154	820753	36.673	ng	99
47) 2-Chloronaphthalene	13.416	162	675061	36.745	ng	99
48) 2-Nitroaniline	13.634	65	221282	43.076	ng	98
49) Acenaphthylene	14.263	152	993989	38.565	ng	99
50) Dimethylphthalate	14.016	163	865458	40.318	ng	99
51) 2,6-Dinitrotoluene	14.139	165	199980	42.403	ng	96
52) Acenaphthene	14.604	154	617255	38.586	ng	99
53) 3-Nitroaniline	14.469	138	188743	43.548	ng	97
54) 2,4-Dinitrophenol	14.681	184	115671	47.238	ng	97
55) Dibenzofuran	14.945	168	1021015	39.188	ng	98
56) 4-Nitrophenol	14.786	139	152738	42.995	ng	95
57) 2,4-Dinitrotoluene	14.928	165	283175	45.819	ng	93
58) Fluorene	15.592	166	845113	40.725	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	267815	44.280	ng	97
60) Diethylphthalate	15.381	149	902602	42.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	478877	41.058	ng	95
62) 4-Nitroaniline	15.633	138	204886	45.099	ng	97
63) Azobenzene	15.886	77	844806	40.917	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	173821	45.444	ng	98
66) n-Nitrosodiphenylamine	15.810	169	726818	36.179	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	316516	37.744	ng	95
68) Hexachlorobenzene	16.592	284	374537	38.247	ng	98
69) Atrazine	16.775	200	244780	36.718	ng	96
70) Pentachlorophenol	16.945	266	251988	41.321	ng	97
71) Phenanthrene	17.345	178	1351222	38.276	ng	99
72) Anthracene	17.439	178	1356813	38.529	ng	99
73) Carbazole	17.716	167	1265618	39.561	ng	100
74) Di-n-butylphthalate	18.269	149	1583090	40.926	ng	99
75) Fluoranthene	19.321	202	1818736	42.174	ng	99
77) Benzidine	19.510	184	396067	27.186	ng	99
78) Pyrene	19.674	202	1874531	38.116	ng	99
80) Butylbenzylphthalate	20.563	149	739772	40.279	ng	99
81) Benzo(a)anthracene	21.392	228	1876395	38.253	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	681290	38.115	ng	98
83) Chrysene	21.451	228	1762875	37.854	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1077502	38.528	ng	99
85) Di-n-octyl phthalate	22.274	149	1835837	37.309	ng	99
87) Indeno(1,2,3-cd)pyrene	26.398	276	2124091	36.192	ng	99
88) Benzo(b)fluoranthene	23.098	252	1857387	38.437	ng	99
89) Benzo(k)fluoranthene	23.151	252	1840015	39.862	ng	99
90) Benzo(a)pyrene	23.733	252	1651632	38.413	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	1761846	36.500	ng	99
92) Benzo(g,h,i)perylene	27.174	276	1755086	35.840	ng	98

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

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