Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021622.D
Acq On : 22 Aug 2024 20:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 23 00:54:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	525238	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	2145438	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	1411418	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	3090171	20.000	ng		0.00
76) Chrysene-d12	21.716	240	2828967	20.000	ng		0.00
86) Perylene-d12	25.145	264	3292055	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2462181	69.607	ng		0.00
7) Phenol-d6	6.969	99	3443342	66.730	ng		0.00
23) Nitrobenzene-d5	8.952	82	3077574	74.040	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1256871	80.012	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	5899433	63.790	ng		0.00
79) Terphenyl-d14	19.969	244	9466354	65.008	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	488543	29.128	ng		98
3) Pyridine	3.717	79	1366546m	29.186	ng		
4) n-Nitrosodimethylamine	3.623	42	445718	31.671	ng		91
6) Aniline	7.128	93	1540244	29.858	ng		96
8) 2-Chlorophenol	7.369	128	1170506	35.807	ng		95
9) Benzaldehyde	6.946	77	1312590m	39.729	ng		
10) Phenol	6.993	94	1747424	32.702	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	1358615	30.049	ng		97
12) 1,3-Dichlorobenzene	7.693	146	1311148	33.767	ng		96
13) 1,4-Dichlorobenzene	7.834	146	1317381	33.600	ng		99
14) 1,2-Dichlorobenzene	8.152	146	1258180	33.299	ng		99
15) Benzyl Alcohol	8.034	79	1183157	31.957	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1255161	30.145	ng		97
17) 2-Methylphenol	8.234	107	1139415	33.730	ng		96
18) Hexachloroethane	8.881	117	533357	33.923	ng		96
19) n-Nitroso-di-n-propyla...	8.605	70	966779	27.123	ng	#	94
20) 3+4-Methylphenols	8.564	107	1586966	34.841	ng		98
22) Acetophenone	8.616	105	2097504	31.823	ng	#	98
24) Nitrobenzene	8.987	77	1553450	34.410	ng		94
25) Isophorone	9.516	82	2846732	28.990	ng		97
26) 2-Nitrophenol	9.699	139	601091	51.314	ng		94
27) 2,4-Dimethylphenol	9.758	122	828562	34.190	ng		97
28) bis(2-Chloroethoxy)met...	9.993	93	1835744	30.626	ng		99
29) 2,4-Dichlorophenol	10.234	162	1099182	38.388	ng		98
30) 1,2,4-Trichlorobenzene	10.446	180	1232105	33.564	ng		96
31) Naphthalene	10.640	128	3731259	33.292	ng		100
32) Benzoic acid	9.911	122	1021559	58.872	ng		91
33) 4-Chloroaniline	10.734	127	1400174	33.258	ng		97
34) Hexachlorobutadiene	10.928	225	778650	33.688	ng		98
35) Caprolactam	11.534	113	439919	36.912	ng		92
36) 4-Chloro-3-methylphenol	11.869	107	1444267	36.362	ng		96
37) 2-Methylnaphthalene	12.252	142	2544381	33.263	ng		100
38) 1-Methylnaphthalene	12.469	142	2490684	33.014	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1367704	33.072	ng		100
41) Hexachlorocyclopentadiene	12.604	237	444718	33.930	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	909634	39.598	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	1016752	39.837	ng		97
46) 1,1'-Biphenyl	13.269	154	3307583	33.123	ng		98
47) 2-Chloronaphthalene	13.310	162	2595758	33.388	ng		99
48) 2-Nitroaniline	13.504	65	858525	40.323	ng		89
49) Acenaphthylene	14.157	152	3819077	33.417	ng		99
50) Dimethylphthalate	13.899	163	3179704	33.640	ng		99
51) 2,6-Dinitrotoluene	14.010	165	737734	39.460	ng		90
52) Acenaphthene	14.510	154	2565667m	34.214	ng		
53) 3-Nitroaniline	14.334	138	767591	41.529	ng	#	92
54) 2,4-Dinitrophenol	14.551	184	267933	50.501	ng	#	88
55) Dibenzofuran	14.846	168	3818284	33.100	ng		98
56) 4-Nitrophenol	14.651	139	667492	44.955	ng		92
57) 2,4-Dinitrotoluene	14.804	165	1037012	43.305	ng		85
58) Fluorene	15.510	166	3095202	32.661	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	874651	40.375	ng		98
60) Diethylphthalate	15.287	149	3333920	34.376	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	1554281	31.729	ng		99
62) 4-Nitroaniline	15.522	138	805102	42.161	ng		92
63) Azobenzene	15.804	77	3498429	29.346	ng		95
65) 4,6-Dinitro-2-methylph...	15.593	198	420891	46.488	ng		93
66) n-Nitrosodiphenylamine	15.722	169	2694370	32.536	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	1052824	32.191	ng		99
68) Hexachlorobenzene	16.540	284	1254431	32.457	ng		97
69) Atrazine	16.698	200	679976	23.916	ng		99
70) Pentachlorophenol	16.892	266	876709	41.560	ng		99
71) Phenanthrene	17.298	178	4922147	33.121	ng		99
72) Anthracene	17.387	178	4814042	33.030	ng		100
73) Carbazole	17.663	167	4827666	34.370	ng		99
74) Di-n-butylphthalate	18.269	149	5976454	34.646	ng		100
75) Fluoranthene	19.381	202	6238918	34.215	ng		99
77) Benzidine	19.569	184	1161261	18.773	ng		100
78) Pyrene	19.757	202	6375966	34.482	ng		100
80) Butylbenzylphthalate	20.704	149	2776502	40.197	ng		92
81) Benzo(a)anthracene	21.698	228	6027013	33.937	ng		99
82) 3,3'-Dichlorobenzidine	21.610	252	2178450	38.259	ng		100
83) Chrysene	21.763	228	5626506	33.557	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	4166669	39.697	ng		100
85) Di-n-octyl phthalate	22.951	149	7173505	39.822	ng		98
87) Indeno(1,2,3-cd)pyrene	29.033	276	7265014	34.045	ng		98
88) Benzo(b)fluoranthene	24.057	252	6398174	33.840	ng		99
89) Benzo(k)fluoranthene	24.127	252	5974862	32.395	ng		99
90) Benzo(a)pyrene	24.980	252	5584875	34.038	ng		99
91) Dibenzo(a,h)anthracene	29.139	278	5932453	33.459	ng		100
92) Benzo(g,h,i)perylene	30.268	276	6026682	33.912	ng		99

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

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