Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
Data File : BP013884.D
Acq On : 24 Feb 2023 12:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 24 16:42:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 16:37:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	114507	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	406287	20.000	ng		0.00
39) Acenaphthene-d10	14.739	164	260248	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	602498	20.000	ng		0.00
76) Chrysene-d12	21.574	240	645430	20.000	ng		0.00
86) Perylene-d12	24.121	264	765179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	590845	85.041	ng		0.00
7) Phenol-d6	7.252	99	760841	85.505	ng		0.00
23) Nitrobenzene-d5	9.281	82	732473	97.354	ng		0.00
42) 2,4,6-Tribromophenol	16.233	330	378249	99.845	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	1712601	86.435	ng		0.00
79) Terphenyl-d14	20.027	244	3043781	90.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	126001	41.724	ng		99
3) Pyridine	3.905	79	354734	43.574	ng		99
4) n-Nitrosodimethylamine	3.805	42	143855	47.152	ng	#	90
6) Aniline	7.422	93	497569	43.036	ng		99
8) 2-Chlorophenol	7.663	128	308440	42.088	ng		99
9) Benzaldehyde	7.234	77	171997	40.629	ng		97
10) Phenol	7.281	94	391090	42.225	ng		93
11) bis(2-Chloroethyl)ether	7.516	93	312524	42.162	ng		98
12) 1,3-Dichlorobenzene	7.993	146	347284	42.144	ng		96
13) 1,4-Dichlorobenzene	8.140	146	352318	42.327	ng		97
14) 1,2-Dichlorobenzene	8.463	146	333981	42.983	ng		100
15) Benzyl Alcohol	8.346	79	296841	47.548	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.634	45	327171	41.321	ng		99
17) 2-Methylphenol	8.546	107	283680	45.009	ng		96
18) Hexachloroethane	9.198	117	127154	43.610	ng		95
19) n-Nitroso-di-n-propyla...	8.916	70	247169	47.460	ng		98
20) 3+4-Methylphenols	8.875	107	381089	44.924	ng		98
22) Acetophenone	8.934	105	484084	47.238	ng	#	98
24) Nitrobenzene	9.322	77	377649	48.099	ng		100
25) Isophorone	9.851	82	679122	46.839	ng		99
26) 2-Nitrophenol	10.034	139	170021	46.072	ng		91
27) 2,4-Dimethylphenol	10.087	122	279486	46.092	ng		97
28) bis(2-Chloroethoxy)met...	10.328	93	401715	43.403	ng		99
29) 2,4-Dichlorophenol	10.575	162	308089	47.357	ng		98
30) 1,2,4-Trichlorobenzene	10.793	180	338313	44.316	ng		99
31) Naphthalene	10.981	128	953396	42.801	ng		99
32) Benzoic acid	10.216	122	207010	43.794	ng		93
33) 4-Chloroaniline	11.087	127	423938	45.324	ng		97
34) Hexachlorobutadiene	11.263	225	237086	46.734	ng		97
35) Caprolactam	11.881	113	94033	45.272	ng		97
36) 4-Chloro-3-methylphenol	12.198	107	337596	46.570	ng		97
37) 2-Methylnaphthalene	12.581	142	701549	43.508	ng		98
38) 1-Methylnaphthalene	12.798	142	655584	43.442	ng		99
40) 1,2,4,5-Tetrachloroben...	12.939	216	413328	44.038	ng		100
41) Hexachlorocyclopentadiene	12.922	237	231378	46.411	ng		99
43) 2,4,6-Trichlorophenol	13.181	196	272607	46.430	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	316708	45.385	ng	98
46) 1,1'-Biphenyl	13.575	154	897058	42.647	ng	98
47) 2-Chloronaphthalene	13.622	162	689283	43.012	ng	99
48) 2-Nitroaniline	13.822	65	208925	46.042	ng	97
49) Acenaphthylene	14.469	152	1112803	44.052	ng	99
50) Dimethylphthalate	14.192	163	942480	44.505	ng	100
51) 2,6-Dinitrotoluene	14.316	165	200876	43.578	ng	99
52) Acenaphthene	14.804	154	671497	43.683	ng	99
53) 3-Nitroaniline	14.645	138	207765	43.328	ng	100
54) 2,4-Dinitrophenol	14.845	184	131217	45.533	ng	95
55) Dibenzofuran	15.139	168	1114122	43.559	ng	98
56) 4-Nitrophenol	14.945	139	170936	45.156	ng	92
57) 2,4-Dinitrotoluene	15.098	165	279576	45.020	ng	98
58) Fluorene	15.786	166	883733	44.065	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	281423	46.846	ng	99
60) Diethylphthalate	15.551	149	937140	45.381	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	484205	44.560	ng	98
62) 4-Nitroaniline	15.810	138	219183	44.424	ng	90
63) Azobenzene	16.069	77	849553	45.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.863	198	186369	44.259	ng	98
66) n-Nitrosodiphenylamine	15.992	169	791154	43.352	ng	100
67) 4-Bromophenyl-phenylether	16.675	248	314373	44.207	ng	98
68) Hexachlorobenzene	16.798	284	348734	44.924	ng	98
69) Atrazine	16.945	200	287380	46.187	ng	98
70) Pentachlorophenol	17.139	266	272600	47.631	ng	99
71) Phenanthrene	17.539	178	1451021	42.989	ng	100
72) Anthracene	17.627	178	1475806	43.728	ng	99
73) Carbazole	17.892	167	1327054	43.676	ng	100
74) Di-n-butylphthalate	18.422	149	1624730	45.640	ng	100
75) Fluoranthene	19.486	202	1824096	43.351	ng	98
77) Benzidine	19.663	184	582892	44.373	ng	100
78) Pyrene	19.839	202	1942942	44.051	ng	99
80) Butylbenzylphthalate	20.692	149	756778	48.275	ng	99
81) Benzo(a)anthracene	21.557	228	2016899	43.638	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	675395	46.448	ng	99
83) Chrysene	21.610	228	1925377	43.002	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1145642	46.874	ng	100
85) Di-n-octyl phthalate	22.421	149	2052539	47.130	ng	99
87) Indeno(1,2,3-cd)pyrene	26.815	276	2604234	43.751	ng	97
88) Benzo(b)fluoranthene	23.339	252	2107282	43.545	ng	98
89) Benzo(k)fluoranthene	23.392	252	2133186	43.425	ng	99
90) Benzo(a)pyrene	24.009	252	2051294	43.844	ng	98
91) Dibenzo(a,h)anthracene	26.827	278	2170379	43.519	ng	99
92) Benzo(g,h,i)perylene	27.645	276	2152070	43.640	ng	97

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

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