Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013550.D
Acq On : 23 Jan 2023 14:17
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Jan 24 03:05:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 03:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	307149	20.000	ng		0.00
21) Naphthalene-d8	10.999	136	1192343	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	666536	20.000	ng		0.00
64) Phenanthrene-d10	17.557	188	1253307	20.000	ng		0.00
76) Chrysene-d12	21.639	240	1022072	20.000	ng		0.00
86) Perylene-d12	24.233	264	1160027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1819154	101.477	ng		0.00
7) Phenol-d6	7.305	99	2442157	101.221	ng		0.00
23) Nitrobenzene-d5	9.340	82	2026427	112.198	ng		0.00
42) 2,4,6-Tribromophenol	16.292	330	754706	108.603	ng		0.00
45) 2-Fluorobiphenyl	13.434	172	5079236	104.601	ng		0.00
79) Terphenyl-d14	20.092	244	5754544	101.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	364378	50.420	ng		97
3) Pyridine	3.940	79	1094029	51.148	ng		99
4) n-Nitrosodimethylamine	3.852	42	486558	50.161	ng		100
6) Aniline	7.481	93	1628298	50.239	ng		99
8) 2-Chlorophenol	7.722	128	1007028	50.908	ng		99
9) Benzaldehyde	7.293	77	621585	47.529	ng		99
10) Phenol	7.334	94	1266910	50.682	ng		100
11) bis(2-Chloroethyl)ether	7.575	93	1019121	49.860	ng		98
12) 1,3-Dichlorobenzene	8.052	146	1089359	49.797	ng		99
13) 1,4-Dichlorobenzene	8.199	146	1101087	49.640	ng		99
14) 1,2-Dichlorobenzene	8.522	146	1063978	49.538	ng		99
15) Benzyl Alcohol	8.399	79	872703	50.627	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	1370980	48.920	ng		99
17) 2-Methylphenol	8.599	107	916548	50.487	ng		99
18) Hexachloroethane	9.263	117	380071	51.263	ng		100
19) n-Nitroso-di-n-propyla...	8.981	70	781018	50.258	ng		98
20) 3+4-Methylphenols	8.934	107	1218652	51.000	ng		98
22) Acetophenone	8.993	105	1561560	51.051	ng	#	99
24) Nitrobenzene	9.381	77	1062295	54.702	ng		99
25) Isophorone	9.910	82	2164290	50.520	ng		99
26) 2-Nitrophenol	10.099	139	364704	60.228	ng		98
27) 2,4-Dimethylphenol	10.152	122	964292	51.062	ng		100
28) bis(2-Chloroethoxy)met...	10.393	93	1319988	51.129	ng		100
29) 2,4-Dichlorophenol	10.634	162	904413	53.168	ng		99
30) 1,2,4-Trichlorobenzene	10.857	180	997891	51.405	ng		99
31) Naphthalene	11.052	128	3288111	51.295	ng		99
32) Benzoic acid	10.281	122	461601	55.925	ng		98
33) 4-Chloroaniline	11.152	127	1448908	51.084	ng		99
34) Hexachlorobutadiene	11.334	225	579624	51.308	ng		99
35) Caprolactam	11.928	113	280183	50.992	ng		98
36) 4-Chloro-3-methylphenol	12.257	107	969564	52.337	ng		98
37) 2-Methylnaphthalene	12.646	142	2317868	50.871	ng		99
38) 1-Methylnaphthalene	12.863	142	2170752	50.702	ng		98
40) 1,2,4,5-Tetrachloroben...	13.004	216	1087777	53.009	ng		100
41) Hexachlorocyclopentadiene	12.987	237	541403	56.046	ng		97
43) 2,4,6-Trichlorophenol	13.234	196	668351	55.649	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	789102	55.602	ng	99
46) 1,1'-Biphenyl	13.640	154	2785653	52.039	ng	100
47) 2-Chloronaphthalene	13.687	162	2084939	51.989	ng	99
48) 2-Nitroaniline	13.881	65	491967	61.312	ng	96
49) Acenaphthylene	14.528	152	3401907	51.871	ng	99
50) Dimethylphthalate	14.251	163	2529035	51.043	ng	100
51) 2,6-Dinitrotoluene	14.369	165	477861	59.732	ng	98
52) Acenaphthene	14.869	154	2104645	51.951	ng	99
53) 3-Nitroaniline	14.698	138	537431	58.593	ng	97
54) 2,4-Dinitrophenol	14.898	184	130481	53.521	ng	96
55) Dibenzofuran	15.198	168	3183762	51.250	ng	100
56) 4-Nitrophenol	14.992	139	401431	53.652	ng	95
57) 2,4-Dinitrotoluene	15.151	165	584091	60.727	ng	95
58) Fluorene	15.851	166	2521774	51.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	580482	53.268	ng	99
60) Diethylphthalate	15.616	149	2430120	50.217	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	1239146	51.039	ng	100
62) 4-Nitroaniline	15.863	138	537563	57.443	ng	99
63) Azobenzene	16.134	77	2361237	50.214	ng	98
65) 4,6-Dinitro-2-methylph...	15.916	198	204333	56.412	ng	96
66) n-Nitrosodiphenylamine	16.051	169	2148206	52.560	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	728800	52.496	ng	99
68) Hexachlorobenzene	16.857	284	784574	52.320	ng	99
69) Atrazine	17.004	200	606877	51.895	ng	99
70) Pentachlorophenol	17.198	266	473242	54.187	ng	99
71) Phenanthrene	17.598	178	3587319	51.444	ng	100
72) Anthracene	17.692	178	3657338	51.676	ng	99
73) Carbazole	17.951	167	3263507	51.311	ng	100
74) Di-n-butylphthalate	18.492	149	3716073	52.496	ng	100
75) Fluoranthene	19.545	202	3780250	50.978	ng	100
77) Benzidine	19.716	184	1170897	45.550	ng	100
78) Pyrene	19.898	202	3933194	50.328	ng	100
80) Butylbenzylphthalate	20.757	149	1391457	53.959	ng	95
81) Benzo(a)anthracene	21.622	228	3654756	51.328	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	1243571	54.205	ng	99
83) Chrysene	21.674	228	3490763	51.257	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2097331	52.668	ng	99
85) Di-n-octyl phthalate	22.527	149	3511834	54.700	ng	99
87) Indeno(1,2,3-cd)pyrene	26.986	276	4659916	54.537	ng	100
88) Benzo(b)fluoranthene	23.433	252	3674525	51.492	ng	99
89) Benzo(k)fluoranthene	23.486	252	3671979	50.449	ng	99
90) Benzo(a)pyrene	24.121	252	3601967	52.033	ng	99
91) Dibenzo(a,h)anthracene	27.009	278	3928886	54.819	ng	99
92) Benzo(g,h,i)perylene	27.827	276	3824151	44.756	ng	100

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

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