Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013548.D
Acq On : 23 Jan 2023 13:08
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jan 24 03:04:11 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	310495	20.000	ng		0.00
21) Naphthalene-d8	10.999	136	1289531	20.000	ng		0.00
39) Acenaphthene-d10	14.804	164	765762	20.000	ng		0.00
64) Phenanthrene-d10	17.557	188	1482437	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1062938	20.000	ng		0.00
86) Perylene-d12	24.233	264	1109780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	724581	39.983	ng		0.00
7) Phenol-d6	7.305	99	985886	40.422	ng		0.00
23) Nitrobenzene-d5	9.334	82	765516	39.190	ng		0.00
42) 2,4,6-Tribromophenol	16.287	330	304633	38.157	ng		0.00
45) 2-Fluorobiphenyl	13.428	172	2247954	40.295	ng		0.00
79) Terphenyl-d14	20.086	244	2559411	43.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	148191	20.285	ng		98
3) Pyridine	3.940	79	420982	19.470	ng		99
4) n-Nitrosodimethylamine	3.852	42	200479	20.445	ng	#	97
6) Aniline	7.475	93	667222	20.364	ng		100
8) 2-Chlorophenol	7.722	128	407224	20.364	ng		100
9) Benzaldehyde	7.293	77	315072	23.832	ng		99
10) Phenol	7.328	94	512008	20.262	ng		99
11) bis(2-Chloroethyl)ether	7.575	93	421835	20.416	ng		99
12) 1,3-Dichlorobenzene	8.052	146	451468	20.415	ng		100
13) 1,4-Dichlorobenzene	8.199	146	453715	20.234	ng		99
14) 1,2-Dichlorobenzene	8.522	146	442139	20.364	ng		100
15) Benzyl Alcohol	8.399	79	352412	20.224	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.699	45	586266	20.694	ng		99
17) 2-Methylphenol	8.599	107	375801	20.478	ng		99
18) Hexachloroethane	9.263	117	150520	20.083	ng		99
19) n-Nitroso-di-n-propyla...	8.975	70	336670	21.431	ng		99
20) 3+4-Methylphenols	8.928	107	488803	20.236	ng		98
22) Acetophenone	8.993	105	670438	20.266	ng	#	98
24) Nitrobenzene	9.381	77	417316	19.870	ng		97
25) Isophorone	9.905	82	937764	20.240	ng		99
26) 2-Nitrophenol	10.099	139	109894	16.780	ng		99
27) 2,4-Dimethylphenol	10.146	122	402570	19.711	ng		98
28) bis(2-Chloroethoxy)met...	10.393	93	563840	20.194	ng		99
29) 2,4-Dichlorophenol	10.634	162	363440	19.755	ng		99
30) 1,2,4-Trichlorobenzene	10.857	180	417340	19.878	ng		98
31) Naphthalene	11.046	128	1389473	20.042	ng		99
32) Benzoic acid	10.240	122	136659	15.309	ng		99
33) 4-Chloroaniline	11.152	127	613471	19.999	ng		99
34) Hexachlorobutadiene	11.334	225	243095	19.897	ng		99
35) Caprolactam	11.910	113	117254	19.731	ng		96
36) 4-Chloro-3-methylphenol	12.252	107	405762	20.252	ng		98
37) 2-Methylnaphthalene	12.640	142	991061	20.112	ng		100
38) 1-Methylnaphthalene	12.857	142	936860	20.233	ng		98
40) 1,2,4,5-Tetrachloroben...	13.004	216	462647	19.624	ng		100
41) Hexachlorocyclopentadiene	12.987	237	193321	17.419	ng		97
43) 2,4,6-Trichlorophenol	13.234	196	268823	19.483	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	318128	19.511	ng		100
46) 1,1'-Biphenyl	13.640	154	1222446	19.877	ng		100
47) 2-Chloronaphthalene	13.681	162	919670	19.961	ng		100
48) 2-Nitroaniline	13.875	65	162900	17.671	ng		99
49) Acenaphthylene	14.528	152	1510172	20.043	ng		99
50) Dimethylphthalate	14.251	163	1138352	19.998	ng		100
51) 2,6-Dinitrotoluene	14.369	165	178646	19.437	ng		99
52) Acenaphthene	14.863	154	919035	19.746	ng		99
53) 3-Nitroaniline	14.693	138	198963	18.881	ng	#	95
54) 2,4-Dinitrophenol	14.898	184	38672	13.807	ng		97
55) Dibenzofuran	15.198	168	1426506	19.987	ng		100
56) 4-Nitrophenol	14.987	139	149577	17.401	ng		98
57) 2,4-Dinitrotoluene	15.151	165	201021	18.192	ng		99
58) Fluorene	15.851	166	1151233	20.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.416	232	243570	19.455	ng		100
60) Diethylphthalate	15.610	149	1117789	20.105	ng		99
61) 4-Chlorophenyl-phenyle...	15.840	204	560550	20.096	ng		99
62) 4-Nitroaniline	15.857	138	204332	19.005	ng		94
63) Azobenzene	16.134	77	1096745	20.301	ng		99
65) 4,6-Dinitro-2-methylph...	15.910	198	59559	13.902	ng		95
66) n-Nitrosodiphenylamine	16.051	169	983168	20.337	ng		98
67) 4-Bromophenyl-phenylether	16.740	248	325519	19.823	ng		99
68) Hexachlorobenzene	16.857	284	351590	19.822	ng		99
69) Atrazine	16.998	200	279574	20.212	ng		99
70) Pentachlorophenol	17.198	266	188500	18.247	ng		99
71) Phenanthrene	17.598	178	1646406	19.961	ng		100
72) Anthracene	17.687	178	1677461	20.038	ng		99
73) Carbazole	17.951	167	1483276	19.716	ng		99
74) Di-n-butylphthalate	18.492	149	1653769	19.751	ng		100
75) Fluoranthene	19.545	202	1680928	19.164	ng		100
77) Benzidine	19.716	184	534092	19.978	ng		99
78) Pyrene	19.898	202	1738516	21.390	ng		99
80) Butylbenzylphthalate	20.763	149	517872	19.310	ng		99
81) Benzo(a)anthracene	21.622	228	1475726	19.929	ng		99
82) 3,3'-Dichlorobenzidine	21.539	252	466122	19.536	ng		99
83) Chrysene	21.675	228	1427169	20.150	ng		100
84) Bis(2-ethylhexyl)phtha...	21.533	149	798437	19.279	ng		100
85) Di-n-octyl phthalate	22.527	149	1216262	18.216	ng		98
87) Indeno(1,2,3-cd)pyrene	26.974	276	1643812	20.109	ng		100
88) Benzo(b)fluoranthene	23.433	252	1330945	19.495	ng		100
89) Benzo(k)fluoranthene	23.486	252	1387146	19.921	ng		99
90) Benzo(a)pyrene	24.116	252	1306496	19.728	ng		99
91) Dibenzo(a,h)anthracene	27.004	278	1375881	20.067	ng		100
92) Benzo(g,h,i)perylene	27.815	276	1352598	16.547	ng		100

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

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