Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023585.D
Acq On : 30 Dec 2024 12:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Dec 30 16:00:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	555377	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2342690	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	1492382	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	3031513	20.000	ng		-0.01
76) Chrysene-d12	21.698	240	2961523	20.000	ng		-0.02
86) Perylene-d12	25.139	264	3264246	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1433236	40.278	ng		0.00
7) Phenol-d6	6.969	99	1941662	40.056	ng		0.00
23) Nitrobenzene-d5	8.952	82	1684889	40.586	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	688529	39.901	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	4307330	42.356	ng		0.00
79) Terphenyl-d14	19.963	244	6691023	45.954	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	289883	20.283	ng		100
3) Pyridine	3.740	79	832523	20.247	ng		98
4) n-Nitrosodimethylamine	3.652	42	282961	20.204	ng	#	97
6) Aniline	7.140	93	898977	20.696	ng		99
8) 2-Chlorophenol	7.381	128	770932	20.173	ng		98
9) Benzaldehyde	6.958	77	594032	21.944	ng		95
10) Phenol	6.999	94	985875	19.996	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	800945	20.334	ng		99
12) 1,3-Dichlorobenzene	7.705	146	898976	20.334	ng		99
13) 1,4-Dichlorobenzene	7.852	146	915717	20.420	ng		99
14) 1,2-Dichlorobenzene	8.163	146	880707	20.457	ng		99
15) Benzyl Alcohol	8.040	79	632497	20.069	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	825311	20.473	ng		99
17) 2-Methylphenol	8.234	107	643041	20.154	ng		99
18) Hexachloroethane	8.893	117	321966	20.116	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	635054	20.735	ng		98
20) 3+4-Methylphenols	8.557	107	866304	20.073	ng		98
22) Acetophenone	8.622	105	1252567	20.500	ng	#	99
24) Nitrobenzene	8.993	77	888226	20.478	ng		98
25) Isophorone	9.516	82	1712017	20.584	ng		100
26) 2-Nitrophenol	9.704	139	238293	19.079	ng		99
27) 2,4-Dimethylphenol	9.763	122	543352	20.489	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	1072576	20.536	ng		99
29) 2,4-Dichlorophenol	10.228	162	677322	20.159	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	805346	20.216	ng		99
31) Naphthalene	10.640	128	2636040	20.458	ng		100
32) Benzoic acid	9.840	122	264764	19.297	ng		99
33) 4-Chloroaniline	10.734	127	981066	20.508	ng		100
34) Hexachlorobutadiene	10.940	225	465658	20.156	ng		99
35) Caprolactam	11.475	113	268809	20.606	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	767752	20.302	ng		99
37) 2-Methylnaphthalene	12.251	142	1803188	20.335	ng		99
38) 1-Methylnaphthalene	12.469	142	1770050	20.319	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	845519	20.071	ng		99
41) Hexachlorocyclopentadiene	12.604	237	235760	19.571	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	492956	19.675	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	577924	20.130	ng		99
46) 1,1'-Biphenyl	13.263	154	2297762	20.467	ng		99
47) 2-Chloronaphthalene	13.298	162	1820853	20.407	ng		99
48) 2-Nitroaniline	13.492	65	390966	19.248	ng		94
49) Acenaphthylene	14.151	152	2671369	20.422	ng		100
50) Dimethylphthalate	13.887	163	2191295	20.298	ng		100
51) 2,6-Dinitrotoluene	13.992	165	432341	19.797	ng		93
52) Acenaphthene	14.504	154	1755292	20.076	ng		99
53) 3-Nitroaniline	14.322	138	464077	19.823	ng	#	93
54) 2,4-Dinitrophenol	14.528	184	89361	19.730	ng	#	57
55) Dibenzofuran	14.839	168	2685150	20.503	ng		99
56) 4-Nitrophenol	14.622	139	353708	17.959	ng		99
57) 2,4-Dinitrotoluene	14.792	165	537624	19.203	ng		98
58) Fluorene	15.498	166	2302763	20.785	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	477041	19.950	ng		100
60) Diethylphthalate	15.275	149	2250752	20.188	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	1108319	20.609	ng		99
62) 4-Nitroaniline	15.498	138	534762	20.480	ng		98
63) Azobenzene	15.792	77	2164721	20.632	ng		98
65) 4,6-Dinitro-2-methylph...	15.563	198	142887	18.956	ng		96
66) n-Nitrosodiphenylamine	15.710	169	1868002	20.371	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	650319	20.168	ng		98
68) Hexachlorobenzene	16.522	284	790574	19.984	ng		99
69) Atrazine	16.681	200	540115	22.428	ng		100
70) Pentachlorophenol	16.869	266	411041	18.017	ng		98
71) Phenanthrene	17.275	178	3312290	20.513	ng		99
72) Anthracene	17.369	178	3246984	20.668	ng		99
73) Carbazole	17.645	167	3257119	20.251	ng		99
74) Di-n-butylphthalate	18.251	149	3775701	21.224	ng		99
75) Fluoranthene	19.357	202	3971106	20.991	ng		98
77) Benzidine	19.557	184	1148421	22.629	ng		100
78) Pyrene	19.739	202	4254829	21.725	ng		98
80) Butylbenzylphthalate	20.704	149	1354260	18.585	ng		99
81) Benzo(a)anthracene	21.680	228	4103306	20.619	ng		99
82) 3,3'-Dichlorobenzidine	21.598	252	1365726	20.398	ng		100
83) Chrysene	21.751	228	3834897	20.507	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	2364537	19.175	ng		99
85) Di-n-octyl phthalate	22.980	149	3502250	17.755	ng		99
87) Indeno(1,2,3-cd)pyrene	29.033	276	4622928m	20.106	ng		
88) Benzo(b)fluoranthene	24.051	252	4134666	20.170	ng		99
89) Benzo(k)fluoranthene	24.127	252	4073116	20.351	ng		99
90) Benzo(a)pyrene	24.974	252	3557311	20.204	ng		99
91) Dibenzo(a,h)anthracene	29.127	278	3836781	20.082	ng		99
92) Benzo(g,h,i)perylene	30.256	276	3854808m	20.150	ng		

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

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