Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
Data File : BF141281.D
Acq On : 28 Jan 2025 15:24
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 28 23:35:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 28 23:33:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	151052	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	602698	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	325826	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	566803	20.000	ng	0.00
76) Chrysene-d12	13.963	240	337922	20.000	ng	0.00
86) Perylene-d12	15.433	264	326901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	212269	21.735	ng	0.00
7) Phenol-d6	6.422	99	269517	21.834	ng	-0.02
23) Nitrobenzene-d5	7.357	82	240975	21.112	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	71947	21.598	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	476231	22.663	ng	-0.01
79) Terphenyl-d14	12.904	244	476583	22.065	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	43945	10.104	ng	99
3) Pyridine	3.222	79	99423	9.896	ng	99
4) n-Nitrosodimethylamine	3.151	42	61624	10.248	ng	98
6) Aniline	6.457	93	103564	10.891	ng	98
8) 2-Chlorophenol	6.581	128	113343	10.812	ng	99
9) Benzaldehyde	6.345	77	85645	12.107	ng	99
10) Phenol	6.434	94	143547	10.974	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	109719	10.779	ng	98
12) 1,3-Dichlorobenzene	6.739	146	126056	10.881	ng	98
13) 1,4-Dichlorobenzene	6.816	146	126341	10.865	ng	99
14) 1,2-Dichlorobenzene	6.969	146	120728	11.082	ng	98
15) Benzyl Alcohol	6.934	79	94079	10.847	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	192793	10.886	ng	99
17) 2-Methylphenol	7.045	107	92088	10.922	ng	97
18) Hexachloroethane	7.310	117	45961	10.758	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	77859	10.680	ng	98
20) 3+4-Methylphenols	7.198	107	113559	10.983	ng	92
22) Acetophenone	7.204	105	159512	11.144	ng	96
24) Nitrobenzene	7.375	77	123504	10.471	ng	99
25) Isophorone	7.616	82	207120	10.515	ng	100
26) 2-Nitrophenol	7.692	139	54206	9.925	ng	96
27) 2,4-Dimethylphenol	7.728	122	68817	10.243	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	133096	10.642	ng	98
29) 2,4-Dichlorophenol	7.933	162	91298	10.578	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	105343	10.763	ng	99
31) Naphthalene	8.104	128	344345	10.895	ng	98
32) Benzoic acid	7.804	122	59489	8.801	ng	99
33) 4-Chloroaniline	8.151	127	104823	10.539	ng	98
34) Hexachlorobutadiene	8.222	225	60938	10.516	ng	99
35) Caprolactam	8.480	113	29250	10.384	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	98376	10.561	ng	100
37) 2-Methylnaphthalene	8.792	142	222807	11.038	ng	100
38) 1-Methylnaphthalene	8.892	142	217265	11.009	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	97782	10.549	ng	99
41) Hexachlorocyclopentadiene	8.945	237	25959	9.222	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	63992	10.495	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	69062	10.539	ng	100
46) 1,1'-Biphenyl	9.257	154	277901	10.932	ng	99
47) 2-Chloronaphthalene	9.280	162	209622	10.682	ng	99
48) 2-Nitroaniline	9.375	65	63264	10.227	ng	98
49) Acenaphthylene	9.692	152	296804	10.772	ng	99
50) Dimethylphthalate	9.551	163	234010	10.778	ng	99
51) 2,6-Dinitrotoluene	9.616	165	52818	10.481	ng	98
52) Acenaphthene	9.869	154	211878	10.756	ng	99
53) 3-Nitroaniline	9.780	138	54437	10.608	ng	98
54) 2,4-Dinitrophenol	9.892	184	17675	7.878	ng	89
55) Dibenzofuran	10.039	168	289544	10.994	ng	99
56) 4-Nitrophenol	9.939	139	35711	9.723	ng	99
57) 2,4-Dinitrotoluene	10.016	165	68689	10.691	ng	95
58) Fluorene	10.380	166	230156	11.261	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	55351	10.522	ng	99
60) Diethylphthalate	10.251	149	228288	10.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	111799	11.285	ng	100
62) 4-Nitroaniline	10.392	138	50745	10.364	ng	100
63) Azobenzene	10.533	77	229065	10.814	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	30823	9.077	ng	96
66) n-Nitrosodiphenylamine	10.492	169	193175	10.587	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	65893	10.414	ng	97
68) Hexachlorobenzene	10.927	284	74345	10.501	ng	98
69) Atrazine	11.016	200	57646	15.330	ng	99
70) Pentachlorophenol	11.122	266	40547	9.949	ng	97
71) Phenanthrene	11.345	178	334312	10.946	ng	98
72) Anthracene	11.392	178	325160	10.922	ng	99
73) Carbazole	11.551	167	288637	10.846	ng	99
74) Di-n-butylphthalate	11.886	149	345658	11.004	ng	99
75) Fluoranthene	12.533	202	332856	11.118	ng	99
77) Benzidine	12.663	184	14463	3.576	ng	98
78) Pyrene	12.763	202	341505	10.582	ng	99
80) Butylbenzylphthalate	13.386	149	115613	10.475	ng	98
81) Benzo(a)anthracene	13.951	228	253638	10.982	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	74396	10.440	ng	100
83) Chrysene	13.992	228	224184	10.340	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	147704	10.796	ng	98
85) Di-n-octyl phthalate	14.580	149	215235	9.883	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	227422	9.825	ng	100
88) Benzo(b)fluoranthene	15.009	252	210573	10.504	ng	98
89) Benzo(k)fluoranthene	15.039	252	199168	10.761	ng	99
90) Benzo(a)pyrene	15.368	252	180787	10.364	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	183473	9.939	ng	100
92) Benzo(g,h,i)perylene	17.303	276	194474	9.848	ng	100

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

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