Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141136.D
Acq On : 14 Jan 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 14 11:29:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	154522	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	600019	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	314528	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	523819	20.000	ng		0.00
76) Chrysene-d12	13.986	240	282441	20.000	ng		0.00
86) Perylene-d12	15.439	264	295307	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	764126	76.392	ng		0.00
7) Phenol-d6	6.446	99	962442	75.959	ng		0.00
23) Nitrobenzene-d5	7.387	82	872059	77.042	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	288565	80.518	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1602320	77.793	ng		0.00
79) Terphenyl-d14	12.933	244	1529786	80.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	172242	38.668	ng		97
3) Pyridine	3.269	79	412815	37.793	ng		97
4) n-Nitrosodimethylamine	3.216	42	203412	38.085	ng		100
6) Aniline	6.481	93	438701	38.998	ng		100
8) 2-Chlorophenol	6.604	128	413719	38.551	ng		98
9) Benzaldehyde	6.369	77	264108	35.391	ng		99
10) Phenol	6.457	94	516649	38.092	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	376526	37.250	ng		98
12) 1,3-Dichlorobenzene	6.763	146	462541	38.644	ng		99
13) 1,4-Dichlorobenzene	6.840	146	464025	38.472	ng		99
14) 1,2-Dichlorobenzene	6.993	146	432529	38.444	ng		100
15) Benzyl Alcohol	6.957	79	341924	37.367	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	511639	36.273	ng		98
17) 2-Methylphenol	7.069	107	331599	38.273	ng		99
18) Hexachloroethane	7.334	117	169582	38.879	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	276284	37.017	ng		99
20) 3+4-Methylphenols	7.222	107	418327	38.271	ng		93
22) Acetophenone	7.228	105	545015	38.209	ng	#	95
24) Nitrobenzene	7.404	77	452087	38.322	ng		99
25) Isophorone	7.640	82	743592	38.440	ng		100
26) 2-Nitrophenol	7.716	139	212941	39.681	ng		96
27) 2,4-Dimethylphenol	7.751	122	279264	38.581	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	455667	37.534	ng		100
29) 2,4-Dichlorophenol	7.957	162	335287	39.001	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	379342	38.604	ng		99
31) Naphthalene	8.128	128	1213170	38.340	ng		100
32) Benzoic acid	7.857	122	268704	38.698	ng		98
33) 4-Chloroaniline	8.175	127	418916	38.281	ng		100
34) Hexachlorobutadiene	8.245	225	236487	39.940	ng		99
35) Caprolactam	8.539	113	105757	37.575	ng		97
36) 4-Chloro-3-methylphenol	8.651	107	366879	39.022	ng		100
37) 2-Methylnaphthalene	8.816	142	775672	38.469	ng		100
38) 1-Methylnaphthalene	8.916	142	749486	37.716	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	358258	39.685	ng		100
41) Hexachlorocyclopentadiene	8.969	237	127628	43.212	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	241386	39.646	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	251708	39.145	ng		100
46) 1,1'-Biphenyl	9.281	154	945726	38.718	ng		99
47) 2-Chloronaphthalene	9.304	162	736637	38.720	ng		100
48) 2-Nitroaniline	9.398	65	220838	39.158	ng		99
49) Acenaphthylene	9.722	152	1057218	38.895	ng		100
50) Dimethylphthalate	9.581	163	819933	38.831	ng		100
51) 2,6-Dinitrotoluene	9.639	165	195636	39.842	ng		93
52) Acenaphthene	9.892	154	743330	39.143	ng		100
53) 3-Nitroaniline	9.810	138	193305	38.739	ng		99
54) 2,4-Dinitrophenol	9.910	184	92369	39.576	ng	#	57
55) Dibenzofuran	10.063	168	1001462	38.771	ng		98
56) 4-Nitrophenol	9.957	139	150825	38.595	ng		96
57) 2,4-Dinitrotoluene	10.039	165	260679	41.194	ng		98
58) Fluorene	10.404	166	777141	38.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	216851	40.572	ng		99
60) Diethylphthalate	10.281	149	811364	39.360	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	380864	38.941	ng		95
62) 4-Nitroaniline	10.422	138	188873	38.673	ng		96
63) Azobenzene	10.563	77	774362	38.070	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	130558	43.012	ng		96
66) n-Nitrosodiphenylamine	10.516	169	669959	39.653	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	245940	40.781	ng		98
68) Hexachlorobenzene	10.951	284	276888	41.245	ng		98
69) Atrazine	11.039	200	154685	34.002	ng		99
70) Pentachlorophenol	11.145	266	179024	41.641	ng		99
71) Phenanthrene	11.369	178	1101499	39.168	ng		99
72) Anthracene	11.422	178	1078674	39.447	ng		100
73) Carbazole	11.575	167	965156	38.494	ng		100
74) Di-n-butylphthalate	11.910	149	1148119	40.012	ng		100
75) Fluoranthene	12.557	202	1082394	38.570	ng		99
77) Benzidine	12.680	184	249252	47.588	ng		99
78) Pyrene	12.786	202	1076513	39.905	ng		99
80) Butylbenzylphthalate	13.410	149	365450	40.632	ng		96
81) Benzo(a)anthracene	13.974	228	722736	37.600	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	231230	37.779	ng		99
83) Chrysene	14.010	228	665691	37.012	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	436197	40.419	ng		99
85) Di-n-octyl phthalate	14.586	149	616373	37.823	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	898749	41.541	ng		98
88) Benzo(b)fluoranthene	15.016	252	687694	36.114	ng		99
89) Benzo(k)fluoranthene	15.045	252	664060	41.265	ng		99
90) Benzo(a)pyrene	15.374	252	621306	39.546	ng		100
91) Dibenzo(a,h)anthracene	16.910	278	726147	41.498	ng		99
92) Benzo(g,h,i)perylene	17.333	276	765114	42.037	ng		99

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

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