Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142638.D
Acq On : 05 Jun 2025 17:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jun 06 02:46:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123637	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475073	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	234406	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	337511	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	199562	20.000	ng	0.00
86) Perylene-d12	15.562	264	263837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	569139	77.554	ng	0.00
7) Phenol-d6	6.522	99	672531	76.131	ng	-0.01
23) Nitrobenzene-d5	7.463	82	650350	74.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	180315	69.309	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1315862	75.327	ng	-0.01
79) Terphenyl-d14	13.010	244	884860	60.593	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	114982	39.155	ng	99
3) Pyridine	3.428	79	298365	39.898	ng	99
4) n-Nitrosodimethylamine	3.381	42	144738	37.277	ng	91
6) Aniline	6.557	93	451940	38.049	ng	99
8) 2-Chlorophenol	6.681	128	309260	38.690	ng	99
9) Benzaldehyde	6.445	77	193672	36.451	ng	99
10) Phenol	6.539	94	377468	37.975	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	278675	38.947	ng	99
12) 1,3-Dichlorobenzene	6.839	146	344058	38.574	ng	98
13) 1,4-Dichlorobenzene	6.916	146	345471	38.452	ng	98
14) 1,2-Dichlorobenzene	7.069	146	327765	38.125	ng	99
15) Benzyl Alcohol	7.034	79	245685	37.634	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	457775	38.097	ng	98
17) 2-Methylphenol	7.145	107	236833	37.950	ng	99
18) Hexachloroethane	7.410	117	122169	38.941	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	197198	36.019	ng	97
20) 3+4-Methylphenols	7.298	107	290212	36.314	ng	93
22) Acetophenone	7.304	105	384717	36.582	ng	97
24) Nitrobenzene	7.481	77	295278	37.578	ng	99
25) Isophorone	7.716	82	523225	35.920	ng	99
26) 2-Nitrophenol	7.798	139	169573	40.387	ng	94
27) 2,4-Dimethylphenol	7.834	122	278746	37.646	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	342706	37.663	ng	98
29) 2,4-Dichlorophenol	8.039	162	254539	37.801	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	277781	38.011	ng	98
31) Naphthalene	8.204	128	869798	37.183	ng	100
32) Benzoic acid	7.939	122	160789	35.674	ng	94
33) 4-Chloroaniline	8.251	127	349777	36.901	ng	99
34) Hexachlorobutadiene	8.316	225	169078	37.054	ng	98
35) Caprolactam	8.616	113	59558	31.492	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	239676	34.731	ng	95
37) 2-Methylnaphthalene	8.892	142	537544	36.526	ng	100
38) 1-Methylnaphthalene	8.992	142	552144	36.271	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	275458	40.937	ng	100
41) Hexachlorocyclopentadiene	9.045	237	169346	37.308	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	179925	39.654	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184645	38.586	ng	98
46) 1,1'-Biphenyl	9.357	154	714916	39.312	ng	99
47) 2-Chloronaphthalene	9.386	162	534724	39.797	ng	98
48) 2-Nitroaniline	9.475	65	147654	38.019	ng	99
49) Acenaphthylene	9.798	152	870545	38.370	ng	100
50) Dimethylphthalate	9.657	163	546555	35.337	ng	100
51) 2,6-Dinitrotoluene	9.722	165	123741	37.068	ng	93
52) Acenaphthene	9.975	154	524031	37.825	ng	99
53) 3-Nitroaniline	9.886	138	130951	35.915	ng	98
54) 2,4-Dinitrophenol	9.992	184	60243	34.930	ng	89
55) Dibenzofuran	10.145	168	744164	37.328	ng	97
56) 4-Nitrophenol	10.045	139	85560	31.803	ng	96
57) 2,4-Dinitrotoluene	10.122	165	155114	35.580	ng	99
58) Fluorene	10.486	166	565085	36.690	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	144621	36.202	ng	98
60) Diethylphthalate	10.357	149	502597	33.272	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	275897	36.466	ng	98
62) 4-Nitroaniline	10.498	138	110858	33.524	ng	96
63) Azobenzene	10.639	77	482968	35.597	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	78254	41.546	ng	94
66) n-Nitrosodiphenylamine	10.592	169	476408	41.258	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	163194	40.892	ng	98
68) Hexachlorobenzene	11.033	284	176625	40.015	ng	98
69) Atrazine	11.116	200	103459	33.738	ng	99
70) Pentachlorophenol	11.227	266	89769	36.022	ng	99
71) Phenanthrene	11.451	178	699622	38.788	ng	100
72) Anthracene	11.504	178	705565	38.328	ng	100
73) Carbazole	11.657	167	568647	36.134	ng	99
74) Di-n-butylphthalate	11.980	149	571448	33.174	ng	99
75) Fluoranthene	12.639	202	592052	35.128	ng	99
77) Benzidine	12.757	184	277137	37.318	ng	99
78) Pyrene	12.868	202	575935	30.937	ng	100
80) Butylbenzylphthalate	13.480	149	219348	42.642	ng	100
81) Benzo(a)anthracene	14.057	228	496861	37.286	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	195924	48.474	ng	99
83) Chrysene	14.092	228	454695	37.973	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	356667	54.163	ng	99
85) Di-n-octyl phthalate	14.657	149	656779	51.009	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	691172	34.895	ng	99
88) Benzo(b)fluoranthene	15.121	252	566833	36.300	ng	98
89) Benzo(k)fluoranthene	15.151	252	551811	37.730	ng	98
90) Benzo(a)pyrene	15.498	252	559985	38.046	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	561607	34.959	ng	98
92) Benzo(g,h,i)perylene	17.533	276	559018	34.791	ng	98

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

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