Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141858.D
Acq On : 06 Mar 2025 09:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 06 10:25:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	207866	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	779725	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	422269	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	691934	20.000	ng	0.00
76) Chrysene-d12	14.045	240	434521	20.000	ng	0.00
86) Perylene-d12	15.515	264	382575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1050190	80.684	ng	0.00
7) Phenol-d6	6.510	99	1317214	77.750	ng	0.00
23) Nitrobenzene-d5	7.445	82	1192671	97.772	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	378753	95.540	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2181831	82.849	ng	0.00
79) Terphenyl-d14	12.986	244	2261369	84.201	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	231018	39.116	ng	97
3) Pyridine	3.434	79	570443	38.819	ng	97
4) n-Nitrosodimethylamine	3.381	42	275112	38.909	ng	98
6) Aniline	6.551	93	662584	37.619	ng	99
8) 2-Chlorophenol	6.669	128	567877	40.331	ng	99
9) Benzaldehyde	6.439	77	351965	35.716	ng	96
10) Phenol	6.522	94	703333	38.850	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	517816	37.524	ng	97
12) 1,3-Dichlorobenzene	6.828	146	605732	40.171	ng	100
13) 1,4-Dichlorobenzene	6.904	146	625404	41.163	ng	99
14) 1,2-Dichlorobenzene	7.057	146	568001	40.035	ng	99
15) Benzyl Alcohol	7.022	79	524097	38.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	691607	33.001	ng	97
17) 2-Methylphenol	7.128	107	447215	38.479	ng	99
18) Hexachloroethane	7.398	117	230292	40.497	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	393107	35.298	ng	98
20) 3+4-Methylphenols	7.281	107	568081	39.253	ng	95
22) Acetophenone	7.292	105	764218	40.243	ng	100
24) Nitrobenzene	7.469	77	596360	45.653	ng	97
25) Isophorone	7.704	82	990974	37.814	ng	98
26) 2-Nitrophenol	7.781	139	292782	49.968	ng	99
27) 2,4-Dimethylphenol	7.810	122	394540	40.956	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	642746	38.448	ng	99
29) 2,4-Dichlorophenol	8.016	162	475671	42.802	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	518388	42.568	ng	99
31) Naphthalene	8.192	128	1644085	41.026	ng	99
32) Benzoic acid	7.916	122	390032	48.428	ng	98
33) 4-Chloroaniline	8.233	127	583547	39.713	ng	99
34) Hexachlorobutadiene	8.304	225	324659	42.902	ng	99
35) Caprolactam	8.598	113	144396	42.235	ng	89
36) 4-Chloro-3-methylphenol	8.704	107	514325	41.661	ng	99
37) 2-Methylnaphthalene	8.880	142	1066438	40.571	ng	99
38) 1-Methylnaphthalene	8.980	142	1024218	40.609	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	513015	42.066	ng	99
41) Hexachlorocyclopentadiene	9.033	237	224284	44.067	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	336951	42.772	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	349000	44.739	ng		98
46) 1,1'-Biphenyl	9.345	154	1317612	40.994	ng		99
47) 2-Chloronaphthalene	9.369	162	977366	41.199	ng		99
48) 2-Nitroaniline	9.457	65	301038	46.508	ng		95
49) Acenaphthylene	9.780	152	1465550	41.204	ng		99
50) Dimethylphthalate	9.639	163	1150740	40.693	ng		100
51) 2,6-Dinitrotoluene	9.698	165	253007	46.842	ng		96
52) Acenaphthene	9.957	154	1020635	42.527	ng		99
53) 3-Nitroaniline	9.869	138	265149	46.137	ng	#	95
54) 2,4-Dinitrophenol	9.975	184	134035	59.722	ng	#	1
55) Dibenzofuran	10.127	168	1420674	40.671	ng		100
56) 4-Nitrophenol	10.016	139	221169	52.954	ng		97
57) 2,4-Dinitrotoluene	10.104	165	334417	50.419	ng		90
58) Fluorene	10.469	166	1072855	41.003	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	306137	45.123	ng		100
60) Diethylphthalate	10.339	149	1135424	40.052	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	540721	41.246	ng		98
62) 4-Nitroaniline	10.480	138	259275	53.688	ng		97
63) Azobenzene	10.622	77	1146863	38.422	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	182658	54.694	ng		90
66) n-Nitrosodiphenylamine	10.580	169	927726	40.832	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	336262	41.606	ng		98
68) Hexachlorobenzene	11.016	284	367747	43.090	ng		98
69) Atrazine	11.098	200	214392	34.313	ng		98
70) Pentachlorophenol	11.204	266	256754	47.434	ng		99
71) Phenanthrene	11.433	178	1542542	41.677	ng		99
72) Anthracene	11.480	178	1542354	41.580	ng		99
73) Carbazole	11.633	167	1367611	41.751	ng		100
74) Di-n-butylphthalate	11.969	149	1643939	39.592	ng		99
75) Fluoranthene	12.616	202	1579732	41.655	ng		98
77) Benzidine	12.733	184	350744	64.132	ng		100
78) Pyrene	12.845	202	1581543	42.032	ng		99
80) Butylbenzylphthalate	13.463	149	565050	41.333	ng		97
81) Benzo(a)anthracene	14.033	228	1181513	41.166	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	352265	42.780	ng		100
83) Chrysene	14.068	228	1058301	40.001	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	694013	40.771	ng		99
85) Di-n-octyl phthalate	14.633	149	1010509	39.653	ng		97
87) Indeno(1,2,3-cd)pyrene	17.003	276	1152756	47.319	ng		97
88) Benzo(b)fluoranthene	15.080	252	1062079	40.755	ng		99
89) Benzo(k)fluoranthene	15.110	252	821007	37.066	ng		99
90) Benzo(a)pyrene	15.451	252	851884	40.761	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	933839	46.962	ng		98
92) Benzo(g,h,i)perylene	17.456	276	980552	48.133	ng		97

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

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