Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142857.D
Acq On : 26 Jun 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 26 11:10:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77664	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	293795	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161192	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	275904	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159836	20.000	ng	0.00
86) Perylene-d12	15.545	264	144296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	386495	82.855	ng	0.00
7) Phenol-d6	6.510	99	453238	82.355	ng	0.00
23) Nitrobenzene-d5	7.445	82	520692	97.212	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	143711	86.637	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1094086	89.165	ng	0.00
79) Terphenyl-d14	12.998	244	1072266	92.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	76030	40.750	ng	99
3) Pyridine	3.410	79	187948	40.182	ng	99
4) n-Nitrosodimethylamine	3.357	42	98314	40.646	ng	99
6) Aniline	6.540	93	301221	41.134	ng	96
8) 2-Chlorophenol	6.663	128	210070	41.748	ng	98
9) Benzaldehyde	6.428	77	117500	35.987	ng	100
10) Phenol	6.522	94	251458	41.105	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	182187	41.669	ng	99
12) 1,3-Dichlorobenzene	6.816	146	235807	41.902	ng	98
13) 1,4-Dichlorobenzene	6.893	146	235015	41.392	ng	99
14) 1,2-Dichlorobenzene	7.045	146	224455	41.679	ng	98
15) Benzyl Alcohol	7.022	79	168656	42.391	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	282023	40.148	ng	97
17) 2-Methylphenol	7.134	107	158020	41.440	ng	99
18) Hexachloroethane	7.387	117	82298	41.440	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	131635	41.125	ng	99
20) 3+4-Methylphenols	7.287	107	198514	41.753	ng	95
22) Acetophenone	7.287	105	267903	41.351	ng	98
24) Nitrobenzene	7.463	77	202331	41.736	ng	99
25) Isophorone	7.704	82	361539	42.077	ng	100
26) 2-Nitrophenol	7.781	139	113200	42.865	ng	97
27) 2,4-Dimethylphenol	7.816	122	189948	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	228518	41.833	ng	99
29) 2,4-Dichlorophenol	8.022	162	176952	42.662	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	188945	41.427	ng	99
31) Naphthalene	8.187	128	596557	41.483	ng	100
32) Benzoic acid	7.928	122	103914	44.569	ng	98
33) 4-Chloroaniline	8.234	127	242792	41.521	ng	99
34) Hexachlorobutadiene	8.298	225	116369	41.712	ng	99
35) Caprolactam	8.610	113	50127	45.799	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	176626	42.848	ng	100
37) 2-Methylnaphthalene	8.875	142	374990	42.060	ng	99
38) 1-Methylnaphthalene	8.975	142	384945	41.709	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	189612	39.866	ng	99
41) Hexachlorocyclopentadiene	9.028	237	101634	37.655	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	124841	40.280	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	133468	40.909	ng	99
46) 1,1'-Biphenyl	9.339	154	503702	39.558	ng	100
47) 2-Chloronaphthalene	9.369	162	378913	39.654	ng	100
48) 2-Nitroaniline	9.463	65	112245	41.899	ng	97
49) Acenaphthylene	9.781	152	629626	40.026	ng	100
50) Dimethylphthalate	9.639	163	439200	42.093	ng	99
51) 2,6-Dinitrotoluene	9.704	165	96682	42.193	ng	99
52) Acenaphthene	9.957	154	387211	40.345	ng	99
53) 3-Nitroaniline	9.875	138	109174	43.274	ng	97
54) 2,4-Dinitrophenol	9.981	184	52943	46.144	ng	98
55) Dibenzofuran	10.128	168	555756	40.382	ng	100
56) 4-Nitrophenol	10.033	139	74942	43.390	ng	99
57) 2,4-Dinitrotoluene	10.110	165	132428	43.509	ng	98
58) Fluorene	10.469	166	439722	40.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	108534	41.271	ng	96
60) Diethylphthalate	10.339	149	438956	42.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	210096	40.963	ng	98
62) 4-Nitroaniline	10.486	138	105952	45.920	ng	98
63) Azobenzene	10.622	77	381397	41.712	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	72530	43.461	ng	99
66) n-Nitrosodiphenylamine	10.581	169	382313	39.982	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	128311	40.863	ng	98
68) Hexachlorobenzene	11.016	284	143957	41.259	ng	98
69) Atrazine	11.104	200	114854	46.514	ng	99
70) Pentachlorophenol	11.216	266	75964	43.692	ng	98
71) Phenanthrene	11.433	178	606956	40.611	ng	99
72) Anthracene	11.486	178	627078	40.910	ng	100
73) Carbazole	11.639	167	565412	42.745	ng	100
74) Di-n-butylphthalate	11.969	149	655127	47.542	ng	100
75) Fluoranthene	12.627	202	619469	43.673	ng	100
77) Benzidine	12.745	184	251868	41.942	ng	99
78) Pyrene	12.857	202	617474	41.214	ng	100
80) Butylbenzylphthalate	13.469	149	204023	46.946	ng	98
81) Benzo(a)anthracene	14.045	228	440135	40.819	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	136940	39.155	ng	99
83) Chrysene	14.080	228	399572	41.529	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	243811	38.992	ng	99
85) Di-n-octyl phthalate	14.639	149	398772	33.822	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	456997	41.580	ng	99
88) Benzo(b)fluoranthene	15.104	252	370314	44.351	ng	99
89) Benzo(k)fluoranthene	15.133	252	317512	40.646	ng	99
90) Benzo(a)pyrene	15.480	252	338551	41.971	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	372769	41.742	ng	98
92) Benzo(g,h,i)perylene	17.515	276	371717	41.743	ng	98

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

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