Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025526.D
Acq On : 21 Aug 2025 03:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 21 05:11:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	191900	20.000	ng		-0.01
21) Naphthalene-d8	10.554	136	778080	20.000	ng		0.00
39) Acenaphthene-d10	14.395	164	480142	20.000	ng		-0.01
64) Phenanthrene-d10	17.189	188	869173	20.000	ng		-0.01
76) Chrysene-d12	21.636	240	823541	20.000	ng		-0.01
86) Perylene-d12	25.001	264	1048104	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	933086	80.749	ng		0.00
7) Phenol-d6	6.966	99	1187456	80.152	ng		0.00
23) Nitrobenzene-d5	8.931	82	1273041	82.765	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	484295	74.936	ng		-0.02
45) 2-Fluorobiphenyl	13.007	172	2768196	78.794	ng		-0.01
79) Terphenyl-d14	19.913	244	3505178	77.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	179822	39.729	ng		97
3) Pyridine	3.725	79	482600	38.955	ng		93
4) n-Nitrosodimethylamine	3.631	42	224519	43.959	ng		91
6) Aniline	7.119	93	791031	39.629	ng		99
8) 2-Chlorophenol	7.360	128	518280	39.746	ng		98
9) Benzaldehyde	6.937	77	495216	47.711	ng		98
10) Phenol	6.996	94	619143	39.828	ng		96
11) bis(2-Chloroethyl)ether	7.213	93	483955	39.942	ng		97
12) 1,3-Dichlorobenzene	7.678	146	570118	39.651	ng		97
13) 1,4-Dichlorobenzene	7.819	146	575622	39.168	ng		99
14) 1,2-Dichlorobenzene	8.137	146	549967	38.659	ng		98
15) Benzyl Alcohol	8.019	79	470863	40.000	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.307	45	665088	40.975	ng		99
17) 2-Methylphenol	8.225	107	430585	39.881	ng		98
18) Hexachloroethane	8.860	117	214677	39.729	ng		95
19) n-Nitroso-di-n-propyla...	8.584	70	374725	38.186	ng		97
20) 3+4-Methylphenols	8.548	107	577590	38.594	ng		96
22) Acetophenone	8.596	105	777206	39.831	ng	#	96
24) Nitrobenzene	8.972	77	569192	41.406	ng		99
25) Isophorone	9.495	82	1057559	38.851	ng		100
26) 2-Nitrophenol	9.672	139	289854	41.086	ng		98
27) 2,4-Dimethylphenol	9.737	122	488029	40.225	ng		98
28) bis(2-Chloroethoxy)met...	9.960	93	638647	38.812	ng		99
29) 2,4-Dichlorophenol	10.207	162	482743	40.055	ng		98
30) 1,2,4-Trichlorobenzene	10.419	180	516908	39.125	ng		97
31) Naphthalene	10.601	128	1570246	38.828	ng		99
32) Benzoic acid	9.884	122	358720	40.049	ng		97
33) 4-Chloroaniline	10.707	127	696525	38.991	ng		98
34) Hexachlorobutadiene	10.890	225	321424	39.065	ng		98
35) Caprolactam	11.495	113	156812	35.484	ng		99
36) 4-Chloro-3-methylphenol	11.831	107	534863	38.676	ng		97
37) 2-Methylnaphthalene	12.207	142	999947	37.995	ng		99
38) 1-Methylnaphthalene	12.425	142	1043941	37.300	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	558004	40.240	ng		99
41) Hexachlorocyclopentadiene	12.560	237	349022	41.668	ng		98
43) 2,4,6-Trichlorophenol	12.819	196	385756	41.205	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	416547	40.598	ng	99
46) 1,1'-Biphenyl	13.219	154	1394649	39.995	ng	98
47) 2-Chloronaphthalene	13.260	162	1090908	40.186	ng	99
48) 2-Nitroaniline	13.466	65	337247	42.636	ng	96
49) Acenaphthylene	14.113	152	1780779	39.644	ng	100
50) Dimethylphthalate	13.848	163	1336804	38.020	ng	99
51) 2,6-Dinitrotoluene	13.960	165	298291	40.251	ng	98
52) Acenaphthene	14.460	154	1016517	38.553	ng	98
53) 3-Nitroaniline	14.289	138	324980	38.977	ng	95
54) 2,4-Dinitrophenol	14.507	184	160853	40.644	ng	97
55) Dibenzofuran	14.801	168	1593872	38.235	ng	98
56) 4-Nitrophenol	14.613	139	257855	37.635	ng	95
57) 2,4-Dinitrotoluene	14.760	165	409171	38.698	ng	97
58) Fluorene	15.460	166	1216177	36.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.030	232	355491	39.239	ng	99
60) Diethylphthalate	15.225	149	1323887	37.056	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	600871	36.730	ng	97
62) 4-Nitroaniline	15.472	138	307105	35.928	ng	95
63) Azobenzene	15.748	77	1216437	39.764	ng	98
65) 4,6-Dinitro-2-methylph...	15.530	198	227645	42.016	ng	92
66) n-Nitrosodiphenylamine	15.666	169	1109160	41.848	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	388602	40.652	ng	99
68) Hexachlorobenzene	16.483	284	442271	39.912	ng	97
69) Atrazine	16.642	200	388998	39.190	ng	98
70) Pentachlorophenol	16.836	266	288486	41.242	ng	96
71) Phenanthrene	17.230	178	1852149	38.791	ng	100
72) Anthracene	17.324	178	1927125	39.524	ng	99
73) Carbazole	17.601	167	1767299	38.481	ng	100
74) Di-n-butylphthalate	18.201	149	2118222	37.487	ng	100
75) Fluoranthene	19.319	202	2056945	36.116	ng	98
77) Benzidine	19.507	184	955775	34.006	ng	99
78) Pyrene	19.695	202	2114083	39.495	ng	100
80) Butylbenzylphthalate	20.648	149	936663	38.610	ng	100
81) Benzo(a)anthracene	21.612	228	2134261	39.296	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	789715	38.576	ng	100
83) Chrysene	21.677	228	1992794	39.179	ng	100
84) Bis(2-ethylhexyl)phtha...	21.560	149	1368948	38.334	ng	100
85) Di-n-octyl phthalate	22.842	149	2466831	40.160	ng	98
87) Indeno(1,2,3-cd)pyrene	28.847	276	3108816	40.446	ng	98
88) Benzo(b)fluoranthene	23.948	252	2342446	37.901	ng	100
89) Benzo(k)fluoranthene	24.024	252	2325553	37.602	ng	99
90) Benzo(a)pyrene	24.854	252	2336844	38.843	ng	98
91) Dibenzo(a,h)anthracene	28.936	278	2537691	40.400	ng	100
92) Benzo(g,h,i)perylene	30.012	276	2515443	40.739	ng	100

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

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