Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025219.D
Acq On : 23 Jul 2025 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 12:04:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	466387	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1926823	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1245962	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2530825	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2561119	20.000	ng		0.01
86) Perylene-d12	24.471	264	3092373	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2199993	79.702	ng		0.00
7) Phenol-d6	6.643	99	2753956	80.555	ng		0.00
23) Nitrobenzene-d5	8.572	82	2777598	80.111	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	1479896	80.568	ng		-0.01
45) 2-Fluorobiphenyl	12.684	172	7160639	81.023	ng		0.00
79) Terphenyl-d14	19.666	244	10791584	83.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	412440	39.868	ng		99
3) Pyridine	3.496	79	1102898	39.826	ng		99
4) n-Nitrosodimethylamine	3.408	42	435541	39.659	ng		97
6) Aniline	6.778	93	1820779	40.744	ng		100
8) 2-Chlorophenol	7.014	128	1259286	40.208	ng		98
9) Benzaldehyde	6.596	77	897525	38.721	ng		99
10) Phenol	6.666	94	1433985	40.446	ng		100
11) bis(2-Chloroethyl)ether	6.884	93	1096307	40.333	ng		98
12) 1,3-Dichlorobenzene	7.325	146	1385370	39.335	ng		100
13) 1,4-Dichlorobenzene	7.472	146	1412217	39.724	ng		100
14) 1,2-Dichlorobenzene	7.778	146	1364981	39.912	ng		100
15) Benzyl Alcohol	7.672	79	1008558	40.898	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	1372323	39.458	ng		99
17) 2-Methylphenol	7.884	107	1000788	40.716	ng		99
18) Hexachloroethane	8.490	117	484449	39.625	ng		99
19) n-Nitroso-di-n-propyla...	8.237	70	851504	41.403	ng		99
20) 3+4-Methylphenols	8.208	107	1370088	40.863	ng		99
22) Acetophenone	8.243	105	1785923	39.833	ng	#	99
24) Nitrobenzene	8.613	77	1239014	40.088	ng		98
25) Isophorone	9.137	82	2424147	39.759	ng		100
26) 2-Nitrophenol	9.308	139	724511	40.821	ng		99
27) 2,4-Dimethylphenol	9.384	122	1188270	40.011	ng		99
28) bis(2-Chloroethoxy)met...	9.613	93	1510070	39.596	ng		100
29) 2,4-Dichlorophenol	9.849	162	1223755	40.108	ng		100
30) 1,2,4-Trichlorobenzene	10.049	180	1296178	38.895	ng		99
31) Naphthalene	10.231	128	3930225	39.861	ng		99
32) Benzoic acid	9.537	122	872453	38.480	ng		97
33) 4-Chloroaniline	10.343	127	1757797	40.557	ng		99
34) Hexachlorobutadiene	10.525	225	783786	39.076	ng		100
35) Caprolactam	11.131	113	406774	40.170	ng		96
36) 4-Chloro-3-methylphenol	11.484	107	1238843	40.618	ng		100
37) 2-Methylnaphthalene	11.849	142	2540259	39.677	ng		99
38) 1-Methylnaphthalene	12.072	142	2687973	39.968	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1491819	39.944	ng		100
41) Hexachlorocyclopentadiene	12.213	237	940689	42.194	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	1035854	40.592	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1133949	40.380	ng	98
46) 1,1'-Biphenyl	12.890	154	3638037	40.278	ng	99
47) 2-Chloronaphthalene	12.925	162	2827609	40.098	ng	100
48) 2-Nitroaniline	13.131	65	746854	41.473	ng	98
49) Acenaphthylene	13.790	152	4622988	40.533	ng	99
50) Dimethylphthalate	13.543	163	3559355	39.945	ng	99
51) 2,6-Dinitrotoluene	13.648	165	784404	40.513	ng	95
52) Acenaphthene	14.143	154	2639356	40.018	ng	100
53) 3-Nitroaniline	13.984	138	874904	40.071	ng	97
54) 2,4-Dinitrophenol	14.195	184	475756	41.472	ng	99
55) Dibenzofuran	14.490	168	4268397	40.066	ng	99
56) 4-Nitrophenol	14.325	139	755490	40.436	ng	98
57) 2,4-Dinitrotoluene	14.460	165	1117080	41.217	ng	99
58) Fluorene	15.160	166	3432050	40.579	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1007317	40.533	ng	100
60) Diethylphthalate	14.948	149	3514021	40.011	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1706307	39.925	ng	97
62) 4-Nitroaniline	15.178	138	917496	41.319	ng	98
63) Azobenzene	15.454	77	2868934	40.086	ng	99
65) 4,6-Dinitro-2-methylph...	15.243	198	672511	41.175	ng	98
66) n-Nitrosodiphenylamine	15.378	169	3005446	39.125	ng	100
67) 4-Bromophenyl-phenylether	16.072	248	1156900	39.169	ng	100
68) Hexachlorobenzene	16.184	284	1357253	38.695	ng	98
69) Atrazine	16.372	200	1119581	39.387	ng	98
70) Pentachlorophenol	16.548	266	938309	39.338	ng	99
71) Phenanthrene	16.942	178	5343916	39.150	ng	100
72) Anthracene	17.031	178	5419810	39.414	ng	100
73) Carbazole	17.319	167	5140047	39.157	ng	100
74) Di-n-butylphthalate	17.942	149	6265773	41.369	ng	100
75) Fluoranthene	19.054	202	6314252	39.305	ng	99
77) Benzidine	19.260	184	4005958	44.552	ng	99
78) Pyrene	19.431	202	6501312	41.170	ng	99
80) Butylbenzylphthalate	20.419	149	2874425	40.212	ng	98
81) Benzo(a)anthracene	21.313	228	6449789	39.878	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	2671574	39.849	ng	99
83) Chrysene	21.383	228	6158415	40.790	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4064933	39.770	ng	100
85) Di-n-octyl phthalate	22.519	149	7275962	41.223	ng	99
87) Indeno(1,2,3-cd)pyrene	28.007	276	9114238	40.332	ng	96
88) Benzo(b)fluoranthene	23.495	252	6930203	39.151	ng	99
89) Benzo(k)fluoranthene	23.560	252	6903516	39.505	ng	99
90) Benzo(a)pyrene	24.330	252	6819808	39.488	ng	100
91) Dibenzo(a,h)anthracene	28.095	278	7466678	40.499	ng	99
92) Benzo(g,h,i)perylene	29.101	276	7287179	40.219	ng	99

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

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