Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025138.D
Acq On : 15 Jul 2025 09:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 15 11:52:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	539286	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1912691	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1092262	20.000	ng	0.00
64) Phenanthrene-d10	16.890	188	2112947	20.000	ng	-0.02
76) Chrysene-d12	21.336	240	2423209	20.000	ng	0.00
86) Perylene-d12	24.466	264	2977605	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2474543	81.302	ng	0.00
7) Phenol-d6	6.637	99	2922465	73.579	ng	0.00
23) Nitrobenzene-d5	8.566	82	2399082	83.417	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1186292	91.937	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	5696052	80.788	ng	0.00
79) Terphenyl-d14	19.672	244	8685146	78.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	459788	38.849	ng	98
3) Pyridine	3.496	79	1178526	36.371	ng	98
4) n-Nitrosodimethylamine	3.408	42	502075	36.596	ng	94
6) Aniline	6.784	93	1304985	35.165	ng	98
8) 2-Chlorophenol	7.019	128	1321981	38.820	ng	98
9) Benzaldehyde	6.596	77	732823	35.328	ng	99
10) Phenol	6.661	94	1463822	36.271	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1116685	35.953	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1490161	39.099	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1512425	39.195	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1428568	38.486	ng	100
15) Benzyl Alcohol	7.678	79	962249	36.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1326319	32.841	ng	98
17) 2-Methylphenol	7.878	107	951555	36.603	ng	99
18) Hexachloroethane	8.496	117	517470	41.165	ng	99
19) n-Nitroso-di-n-propyla...	8.237	70	769639	32.674	ng	98
20) 3+4-Methylphenols	8.202	107	1259243	34.582	ng	98
22) Acetophenone	8.243	105	1711174	37.829	ng	98
24) Nitrobenzene	8.608	77	1193570	40.744	ng	95
25) Isophorone	9.137	82	1922190	35.764	ng	98
26) 2-Nitrophenol	9.308	139	662204	46.680	ng	99
27) 2,4-Dimethylphenol	9.384	122	779946	38.901	ng	97
28) bis(2-Chloroethoxy)met...	9.619	93	1350218	36.998	ng	99
29) 2,4-Dichlorophenol	9.837	162	1138831	40.964	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1261827	40.986	ng	96
31) Naphthalene	10.231	128	3826840	38.856	ng	100
32) Benzoic acid	9.513	122	852968	43.285	ng	97
33) 4-Chloroaniline	10.343	127	1359199	36.980	ng	99
34) Hexachlorobutadiene	10.531	225	776668	43.961	ng	100
35) Caprolactam	11.113	113	333474	35.063	ng	93
36) 4-Chloro-3-methylphenol	11.478	107	1082330	37.255	ng	98
37) 2-Methylnaphthalene	11.855	142	2529303	36.398	ng	100
38) 1-Methylnaphthalene	12.084	142	2461306	36.317	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1358686	43.282	ng	99
41) Hexachlorocyclopentadiene	12.219	237	432854	52.790	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	854124	44.935	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	923802	42.884	ng	99
46) 1,1'-Biphenyl	12.896	154	3118784	39.244	ng	100
47) 2-Chloronaphthalene	12.931	162	2396183	40.116	ng	99
48) 2-Nitroaniline	13.143	65	593729	41.005	ng	91
49) Acenaphthylene	13.796	152	3678070	40.232	ng	99
50) Dimethylphthalate	13.549	163	2913588	38.107	ng	99
51) 2,6-Dinitrotoluene	13.649	165	630484	42.281	ng	96
52) Acenaphthene	14.149	154	2283738	38.757	ng	99
53) 3-Nitroaniline	13.984	138	704959	44.113	ng	98
54) 2,4-Dinitrophenol	14.196	184	333533	48.071	ng	97
55) Dibenzofuran	14.484	168	3751617	38.580	ng	100
56) 4-Nitrophenol	14.307	139	631062	42.791	ng	99
57) 2,4-Dinitrotoluene	14.448	165	874922	40.419	ng	95
58) Fluorene	15.148	166	2909661	38.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	826703	42.379	ng	96
60) Diethylphthalate	14.954	149	2944042	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1429908	38.415	ng	98
62) 4-Nitroaniline	15.172	138	747413	44.603	ng	98
63) Azobenzene	15.460	77	2483159	36.313	ng	98
65) 4,6-Dinitro-2-methylph...	15.237	198	470864	48.858	ng	100
66) n-Nitrosodiphenylamine	15.384	169	2438227	40.322	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	944253	43.646	ng	98
68) Hexachlorobenzene	16.190	284	1092907	41.331	ng	94
69) Atrazine	16.378	200	620482	35.017	ng	99
70) Pentachlorophenol	16.537	266	835548	46.787	ng	99
71) Phenanthrene	16.937	178	4422649	39.172	ng	100
72) Anthracene	17.042	178	4407571	40.692	ng	100
73) Carbazole	17.319	167	4341714	40.996	ng	100
74) Di-n-butylphthalate	17.948	149	5248706	44.505	ng	99
75) Fluoranthene	19.042	202	5432893	41.167	ng	100
77) Benzidine	19.254	184	2339949	54.675	ng	98
78) Pyrene	19.419	202	5697689	37.962	ng	99
80) Butylbenzylphthalate	20.419	149	2557535	44.517	ng	99
81) Benzo(a)anthracene	21.319	228	5878963	40.034	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2229564	50.434	ng	99
83) Chrysene	21.383	228	5626605	39.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.313	149	3706065	47.050	ng	99
85) Di-n-octyl phthalate	22.525	149	6739607	46.832	ng	98
87) Indeno(1,2,3-cd)pyrene	27.983	276	8343284m	43.984	ng	
88) Benzo(b)fluoranthene	23.483	252	6701452	38.667	ng	99
89) Benzo(k)fluoranthene	23.548	252	6464721	37.489	ng	99
90) Benzo(a)pyrene	24.324	252	6032064	40.894	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	6851324	43.695	ng	98
92) Benzo(g,h,i)perylene	29.089	276	7045315	43.496	ng	98

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

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