Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
Data File : BP024101.D
Acq On : 20 Feb 2025 09:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 20 10:51:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	453006	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1878277	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	1106195	20.000	ng		0.00
64) Phenanthrene-d10	17.187	188	2017123	20.000	ng		0.00
76) Chrysene-d12	21.639	240	2086262	20.000	ng		0.00
86) Perylene-d12	25.027	264	2169466	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.370	112	2343814	80.732	ng		0.00
7) Phenol-d6	6.940	99	3120735	83.634	ng		0.00
23) Nitrobenzene-d5	8.905	82	2676795	79.507	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	1060380	78.259	ng		0.00
45) 2-Fluorobiphenyl	12.999	172	5991277	75.717	ng		0.00
79) Terphenyl-d14	19.910	244	8052131	76.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	454410	39.900	ng		99
3) Pyridine	3.705	79	1218048m	41.137	ng		
4) n-Nitrosodimethylamine	3.611	42	425292	40.492	ng		96
6) Aniline	7.093	93	1446529	42.331	ng		99
8) 2-Chlorophenol	7.328	128	1249870	40.674	ng		97
9) Benzaldehyde	6.905	77	664408	39.000	ng		99
10) Phenol	6.969	94	1557348	41.505	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	1223956	41.415	ng		98
12) 1,3-Dichlorobenzene	7.646	146	1343628	39.802	ng		99
13) 1,4-Dichlorobenzene	7.793	146	1349272	39.522	ng		99
14) 1,2-Dichlorobenzene	8.105	146	1316107	40.169	ng		99
15) Benzyl Alcohol	7.993	79	973916	42.640	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1237128	43.122	ng		97
17) 2-Methylphenol	8.199	107	976052	42.686	ng		99
18) Hexachloroethane	8.828	117	490714	39.912	ng		99
19) n-Nitroso-di-n-propyla...	8.558	70	904016	45.059	ng		99
20) 3+4-Methylphenols	8.522	107	1334919	42.915	ng		98
22) Acetophenone	8.569	105	1877607	38.901	ng	#	100
24) Nitrobenzene	8.946	77	1310614	39.555	ng		100
25) Isophorone	9.469	82	2253444	40.930	ng		99
26) 2-Nitrophenol	9.652	139	629867	41.261	ng		98
27) 2,4-Dimethylphenol	9.716	122	801108	39.979	ng		100
28) bis(2-Chloroethoxy)met...	9.946	93	1579218	39.595	ng		100
29) 2,4-Dichlorophenol	10.187	162	1091404	39.911	ng		99
30) 1,2,4-Trichlorobenzene	10.393	180	1196606	38.192	ng		99
31) Naphthalene	10.581	128	3932301	38.936	ng		99
32) Benzoic acid	9.863	122	760149	38.003	ng		99
33) 4-Chloroaniline	10.693	127	1411013	39.658	ng		99
34) Hexachlorobutadiene	10.869	225	679942	37.467	ng		100
35) Caprolactam	11.487	113	339905	38.191	ng		99
36) 4-Chloro-3-methylphenol	11.822	107	1152020	40.980	ng		98
37) 2-Methylnaphthalene	12.193	142	2628163	39.153	ng		100
38) 1-Methylnaphthalene	12.410	142	2551865	39.078	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1275588	37.530	ng		100
41) Hexachlorocyclopentadiene	12.552	237	484738	38.327	ng		100
43) 2,4,6-Trichlorophenol	12.810	196	823944	39.750	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	890396	39.278	ng	99
46) 1,1'-Biphenyl	13.210	154	3320905	38.634	ng	99
47) 2-Chloronaphthalene	13.251	162	2483585	38.221	ng	99
48) 2-Nitroaniline	13.457	65	650940	42.408	ng	97
49) Acenaphthylene	14.104	152	3770555	39.385	ng	99
50) Dimethylphthalate	13.846	163	3014336	38.631	ng	99
51) 2,6-Dinitrotoluene	13.957	165	639433	40.229	ng	98
52) Acenaphthene	14.451	154	2399603	38.922	ng	98
53) 3-Nitroaniline	14.293	138	690362	40.702	ng	98
54) 2,4-Dinitrophenol	14.498	184	330450	36.247	ng	94
55) Dibenzofuran	14.793	168	3832968	38.271	ng	100
56) 4-Nitrophenol	14.616	139	584023	39.862	ng	97
57) 2,4-Dinitrotoluene	14.757	165	852152	41.270	ng	99
58) Fluorene	15.451	166	3017646	38.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	769490	39.125	ng	99
60) Diethylphthalate	15.222	149	3022855	39.025	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1464200	38.032	ng	99
62) 4-Nitroaniline	15.475	138	731975	37.243	ng	97
63) Azobenzene	15.745	77	2934523	40.429	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	451335	36.481	ng	97
66) n-Nitrosodiphenylamine	15.669	169	2454237	39.016	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	879673	38.835	ng	99
68) Hexachlorobenzene	16.475	284	1021289	38.318	ng	99
69) Atrazine	16.645	200	630279	39.044	ng	98
70) Pentachlorophenol	16.834	266	683571	39.488	ng	100
71) Phenanthrene	17.234	178	4375785	38.478	ng	100
72) Anthracene	17.328	178	4242474	38.929	ng	100
73) Carbazole	17.604	167	4067287	39.171	ng	100
74) Di-n-butylphthalate	18.198	149	4928913	40.682	ng	100
75) Fluoranthene	19.322	202	4955323	38.524	ng	100
77) Benzidine	19.516	184	1182428	46.511	ng	100
78) Pyrene	19.692	202	5162501	38.957	ng	100
80) Butylbenzylphthalate	20.645	149	2114227	41.635	ng	94
81) Benzo(a)anthracene	21.622	228	5059825	38.678	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	1712131	41.883	ng	99
83) Chrysene	21.686	228	4817993	38.194	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	3279285	42.585	ng	100
85) Di-n-octyl phthalate	22.857	149	5203995	42.279	ng	98
87) Indeno(1,2,3-cd)pyrene	28.851	276	5994726	38.841	ng	99
88) Benzo(b)fluoranthene	23.945	252	5293280	38.422	ng	99
89) Benzo(k)fluoranthene	24.027	252	5248218	39.138	ng	99
90) Benzo(a)pyrene	24.869	252	4615055	39.473	ng	99
91) Dibenzo(a,h)anthracene	28.933	278	5005448	38.572	ng	98
92) Benzo(g,h,i)perylene	30.068	276	5052018	38.365	ng	98

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

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