Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024491.D
Acq On : 01 May 2025 14:05
Operator : RC/JU
Sample : Q1902-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 14:43:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
343DL

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/02/2025
Supervised By :Jagrut Upadhyay 05/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	136804	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	530235	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	315063	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	612171	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	776241	20.000	ng	0.00
86) Perylene-d12	24.945	264	987970	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	133521	16.138	ng	-0.01
7) Phenol-d6	6.899	99	167105	14.750	ng	-0.01
23) Nitrobenzene-d5	8.863	82	103282	11.107	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	82226	18.863	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	240040	11.665	ng	-0.01
79) Terphenyl-d14	19.869	244	393237	10.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	131	0.037	ng	# 1
3) Pyridine	3.711	79	505	0.055	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	140	0.046	ng	# 1
6) Aniline	7.058	93	200	0.020	ng	# 66
8) 2-Chlorophenol	7.281	128	131	0.014	ng	75
9) Benzaldehyde	6.893	77	557	0.099	ng	# 22
10) Phenol	6.716	94	76	0.007	ng	91
11) bis(2-Chloroethyl)ether	7.234	93	68	0.007	ng	85
12) 1,3-Dichlorobenzene	7.605	146	37	0.004	ng	# 79
13) 1,4-Dichlorobenzene	7.740	146	20	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.063	146	40	0.004	ng	# 57
15) Benzyl Alcohol	8.028	79	125	0.017	ng	# 54
16) 2,2'-oxybis(1-Chloropr...	8.240	45	82	0.008	ng	# 1
17) 2-Methylphenol	8.158	107	107	0.015	ng	# 1
18) Hexachloroethane	8.793	117	161	0.044	ng	# 44
19) n-Nitroso-di-n-propyla...	8.505	70	65	0.009	ng	# 1
20) 3+4-Methylphenols	8.475	107	104	0.010	ng	# 1
22) Acetophenone	8.528	105	227	0.017	ng	# 1
24) Nitrobenzene	8.940	77	58	0.006	ng	# 47
25) Isophorone	9.387	82	79	0.005	ng	# 31
26) 2-Nitrophenol	9.616	139	13	0.003	ng	# 11
27) 2,4-Dimethylphenol	9.705	122	100	0.018	ng	# 60
28) bis(2-Chloroethoxy)met...	9.905	93	106	0.009	ng	# 16
29) 2,4-Dichlorophenol	10.146	162	25	0.003	ng	# 1
30) 1,2,4-Trichlorobenzene	10.357	180	10	0.001	ng	# 46
31) Naphthalene	10.534	128	2606	0.093	ng	# 93
32) Benzoic acid	9.816	122	49	0.007	ng	# 87
33) 4-Chloroaniline	10.663	127	76	0.008	ng	# 1
34) Hexachlorobutadiene	11.081	225	13	0.003	ng	98
35) Caprolactam	11.457	113	95	0.033	ng	# 1
36) 4-Chloro-3-methylphenol	11.769	107	63	0.007	ng	# 25
37) 2-Methylnaphthalene	12.151	142	12199	0.630	ng	97
38) 1-Methylnaphthalene	12.151	142	12199	0.644	ng	94
40) 1,2,4,5-Tetrachloroben...	12.528	216	7	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.510	237	12	0.004	ng	94
43) 2,4,6-Trichlorophenol	12.751	196	25	0.004	ng	# 67

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44) 2,4,5-Trichlorophenol	12.863	196	25	0.004	ng	#	1
46) 1,1'-Biphenyl	13.169	154	27417	1.184	ng		96
47) 2-Chloronaphthalene	13.228	162	41	0.002	ng	#	1
48) 2-Nitroaniline	13.416	65	77	0.016	ng	#	18
49) Acenaphthylene	14.069	152	18016	0.661	ng	#	89
50) Dimethylphthalate	13.810	163	3562	0.155	ng	#	86
51) 2,6-Dinitrotoluene	13.940	165	77	0.016	ng	#	1
52) Acenaphthene	14.416	154	147220	8.521	ng		99
53) 3-Nitroaniline	14.287	138	122	0.024	ng	#	39
54) 2,4-Dinitrophenol	14.463	184	38	0.013	ng	#	1
55) Dibenzofuran	14.751	168	158833	5.625	ng		95
57) 2,4-Dinitrotoluene	14.716	165	473	0.071	ng	#	71
58) Fluorene	15.410	166	182325	8.340	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.993	232	4552	0.774	ng	#	94
61) 4-Chlorophenyl-phenyle...	15.422	204	55	0.005	ng	#	1
62) 4-Nitroaniline	15.410	138	2593	0.479	ng	#	37
63) Azobenzene	15.728	77	17581	0.810	ng	#	1
65) 4,6-Dinitro-2-methylph...	15.487	198	21	0.005	ng	#	1
66) n-Nitrosodiphenylamine	15.628	169	1733	0.095	ng	#	1
67) 4-Bromophenyl-phenylether	16.310	248	11	0.002	ng	#	1
68) Hexachlorobenzene	16.439	284	53	0.007	ng	#	1
70) Pentachlorophenol	16.798	266	71864	12.948	ng		98
71) Phenanthrene	17.186	178	838316	25.103	ng		100
72) Anthracene	17.286	178	100392	3.119	ng		99
73) Carbazole	17.569	167	22472	0.715	ng		95
75) Fluoranthene	19.275	202	598694	15.073	ng		97
77) Benzidine	19.475	184	46	0.005	ng	#	1
78) Pyrene	19.651	202	420286	8.520	ng		99
80) Butylbenzylphthalate	20.604	149	3431	0.162	ng	#	65
81) Benzo(a)anthracene	21.575	228	131625	2.728	ng		98
82) 3,3'-Dichlorobenzidine	21.492	252	187	0.011	ng	#	61
83) Chrysene	21.639	228	128542m	2.781	ng		
84) Bis(2-ethylhexyl)phtha...	21.510	149	56317	1.818	ng		96
85) Di-n-octyl phthalate	22.786	149	5064	0.101	ng	#	29
87) Indeno(1,2,3-cd)pyrene	28.756	276	43312	0.631	ng		97
88) Benzo(b)fluoranthene	23.898	252	117507	1.984	ng		97
89) Benzo(k)fluoranthene	23.951	252	40946	0.716	ng		97
90) Benzo(a)pyrene	24.786	252	69386	1.358	ng		99
91) Dibenzo(a,h)anthracene	28.809	278	12539	0.220	ng	#	87

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

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