Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024480.D
Acq On : 30 Apr 2025 19:30
Operator : RC/JU
Sample : Q1900-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

Quant Time: May 01 01:06:57 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	135847	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	507999	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	293375	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	588250	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	712977	20.000	ng	0.02
86) Perylene-d12	24.945	264	866386	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	998603	121.544	ng	-0.01
7) Phenol-d6	6.899	99	1093027	97.159	ng	-0.01
23) Nitrobenzene-d5	8.857	82	832409	93.435	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	645089	158.928	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1738752	90.745	ng	0.00
79) Terphenyl-d14	19.886	244	3326627	94.046	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	228	0.066	ng	# 1
3) Pyridine	3.687	79	165	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.581	42	320	0.105	ng	# 1
6) Aniline	7.058	93	78	0.008	ng	# 39
8) 2-Chlorophenol	7.316	128	45	0.005	ng	87
9) Benzaldehyde	6.899	77	2704	0.486	ng	# 9
10) Phenol	6.781	94	65	0.006	ng	90
11) bis(2-Chloroethyl)ether	7.169	93	140	0.015	ng	91
12) 1,3-Dichlorobenzene	7.610	146	22	0.002	ng	# 53
13) 1,4-Dichlorobenzene	7.752	146	3	0.000	ng	# 1
14) 1,2-Dichlorobenzene	8.063	146	26	0.003	ng	# 1
15) Benzyl Alcohol	7.928	79	213	0.029	ng	# 48
16) 2,2'-oxybis(1-Chloropr...	8.228	45	291	0.030	ng	80
17) 2-Methylphenol	8.152	107	29	0.004	ng	# 1
18) Hexachloroethane	8.769	117	32	0.009	ng	# 41
19) n-Nitroso-di-n-propyla...	8.504	70	98	0.014	ng	# 1
20) 3+4-Methylphenols	8.463	107	31	0.003	ng	# 1
22) Acetophenone	8.528	105	670	0.053	ng	# 61
24) Nitrobenzene	8.922	77	181	0.021	ng	# 63
25) Isophorone	9.381	82	169	0.010	ng	# 61
26) 2-Nitrophenol	9.634	139	51	0.012	ng	# 1
28) bis(2-Chloroethoxy)met...	9.887	93	22	0.002	ng	# 1
29) 2,4-Dichlorophenol	10.151	162	13	0.002	ng	# 54
30) 1,2,4-Trichlorobenzene	10.334	180	13	0.002	ng	# 1
31) Naphthalene	10.534	128	616	0.023	ng	# 87
32) Benzoic acid	9.793	122	32705	5.183	ng	95
33) 4-Chloroaniline	10.651	127	34	0.004	ng	# 17
34) Hexachlorobutadiene	10.793	225	13	0.003	ng	# 64
35) Caprolactam	11.481	113	766	0.281	ng	# 59
36) 4-Chloro-3-methylphenol	11.963	107	69	0.008	ng	97
37) 2-Methylnaphthalene	12.157	142	415	0.022	ng	# 71
38) 1-Methylnaphthalene	12.375	142	734	0.040	ng	# 81
40) 1,2,4,5-Tetrachloroben...	12.540	216	6	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.545	237	29	0.010	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	33	0.006	ng	# 44
44) 2,4,5-Trichlorophenol	12.863	196	34	0.006	ng	# 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	12.957	154	3605	0.167	ng	#	1
47)	2-Chloronaphthalene	13.004	162	18	0.001	ng		93
48)	2-Nitroaniline	13.440	65	197	0.044	ng	#	28
49)	Acenaphthylene	14.057	152	827	0.033	ng	#	84
50)	Dimethylphthalate	13.792	163	41140	1.928	ng		98
51)	2,6-Dinitrotoluene	13.951	165	36	0.008	ng	#	47
52)	Acenaphthene	14.404	154	681	0.042	ng		97
53)	3-Nitroaniline	14.257	138	63	0.013	ng	#	58
54)	2,4-Dinitrophenol	14.439	184	25	0.009	ng	#	1
55)	Dibenzofuran	14.751	168	808	0.031	ng	#	77
56)	4-Nitrophenol	14.592	139	29	0.007	ng	#	1
57)	2,4-Dinitrotoluene	14.710	165	34	0.006	ng	#	69
58)	Fluorene	15.416	166	1079	0.053	ng		91
59)	2,3,4,6-Tetrachlorophenol	15.004	232	11	0.002	ng	#	1
60)	Diethylphthalate	15.175	149	5815	0.264	ng		99
61)	4-Chlorophenyl-phenyle...	15.404	204	36	0.004	ng	#	1
62)	4-Nitroaniline	15.581	138	16	0.003	ng		91
63)	Azobenzene	15.610	77	194	0.010	ng		70
65)	4,6-Dinitro-2-methylph...	15.481	198	17	0.005	ng	#	1
66)	n-Nitrosodiphenylamine	15.863	169	17805	1.014	ng	#	49
67)	4-Bromophenyl-phenylether	16.328	248	38	0.006	ng	#	1
68)	Hexachlorobenzene	16.451	284	28	0.004	ng	#	1
69)	Atrazine	16.510	200	6	0.001	ng		91
70)	Pentachlorophenol	17.010	266	90	0.017	ng		93
71)	Phenanthrene	17.192	178	12639	0.394	ng		96
72)	Anthracene	17.192	178	12639	0.409	ng		97
73)	Carbazole	17.592	167	3903	0.129	ng	#	91
74)	Di-n-butylphthalate	18.163	149	22150	0.588	ng	#	98
75)	Fluoranthene	19.292	202	3375	0.088	ng		95
77)	Benzidine	19.486	184	31	0.003	ng	#	1
78)	Pyrene	19.669	202	3338	0.074	ng	#	92
80)	Butylbenzylphthalate	20.621	149	1750	0.090	ng	#	89
81)	Benzo(a)anthracene	21.610	228	2596	0.059	ng	#	84
82)	3,3'-Dichlorobenzidine	21.516	252	535	0.034	ng	#	23
83)	Chrysene	21.663	228	711	0.017	ng	#	67
84)	Bis(2-ethylhexyl)phtha...	21.527	149	8857	0.311	ng	#	95
85)	Di-n-octyl phthalate	22.792	149	406	0.009	ng	#	40
87)	Indeno(1,2,3-cd)pyrene	28.786	276	38	0.001	ng	#	1
88)	Benzo(b)fluoranthene	23.886	252	144	0.003	ng	#	1
89)	Benzo(k)fluoranthene	23.957	252	110	0.002	ng	#	1
90)	Benzo(a)pyrene	24.786	252	108	0.002	ng	#	1
91)	Dibenzo(a,h)anthracene	28.833	278	43	0.001	ng	#	1
92)	Benzo(g,h,i)perylene	29.903	276	43	0.001	ng	#	1

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

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