Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024482.D
Acq On : 30 Apr 2025 20:51
Operator : RC/JU
Sample : Q1902-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
343

Quant Time: May 01 01:07:33 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	126169	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	500953	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	316776	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	661862	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	812590	20.000	ng	0.01
86) Perylene-d12	24.957	264	976700	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	614587	80.542	ng	-0.01
7) Phenol-d6	6.893	99	786538	75.278	ng	-0.02
23) Nitrobenzene-d5	8.857	82	487694	55.512	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	429930	98.096	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1106190	53.467	ng	-0.01
79) Terphenyl-d14	19.886	244	2046063	50.753	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	225	0.070	ng	# 1
3) Pyridine	3.687	79	304	0.036	ng	# 1
4) n-Nitrosodimethylamine	3.605	42	193	0.068	ng	# 1
6) Aniline	7.022	93	914	0.098	ng	# 96
8) 2-Chlorophenol	7.246	128	60	0.007	ng	69
9) Benzaldehyde	6.899	77	2295	0.444	ng	# 11
10) Phenol	6.922	94	8226	0.785	ng	# 44
11) bis(2-Chloroethyl)ether	7.163	93	38	0.004	ng	81
12) 1,3-Dichlorobenzene	7.599	146	25	0.003	ng	# 1
13) 1,4-Dichlorobenzene	7.722	146	36	0.004	ng	# 1
14) 1,2-Dichlorobenzene	8.075	146	60	0.007	ng	# 73
15) Benzyl Alcohol	7.987	79	622	0.092	ng	# 47
16) 2,2'-oxybis(1-Chloropr...	8.252	45	177	0.019	ng	# 29
17) 2-Methylphenol	8.163	107	37	0.005	ng	# 1
18) Hexachloroethane	8.799	117	521	0.155	ng	# 35
19) n-Nitroso-di-n-propyla...	8.516	70	129	0.020	ng	# 43
20) 3+4-Methylphenols	8.463	107	33	0.004	ng	# 1
22) Acetophenone	8.528	105	891	0.072	ng	# 1
24) Nitrobenzene	8.857	77	1846	0.212	ng	# 35
25) Isophorone	9.404	82	78	0.005	ng	# 67
26) 2-Nitrophenol	9.593	139	32	0.008	ng	# 1
28) bis(2-Chloroethoxy)met...	9.875	93	100	0.009	ng	# 1
29) 2,4-Dichlorophenol	10.163	162	23	0.003	ng	90
30) 1,2,4-Trichlorobenzene	10.210	180	7	0.001	ng	96
31) Naphthalene	10.534	128	10818	0.410	ng	98
32) Benzoic acid	9.793	122	14503	2.331	ng	97
33) 4-Chloroaniline	10.599	127	54	0.006	ng	# 1
34) Hexachlorobutadiene	10.981	225	12	0.003	ng	88
35) Caprolactam	11.416	113	18	0.007	ng	# 1
36) 4-Chloro-3-methylphenol	11.787	107	88	0.010	ng	# 85
37) 2-Methylnaphthalene	12.146	142	55655	3.041	ng	98
38) 1-Methylnaphthalene	12.369	142	113043	6.314	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	7	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.416	237	17	0.006	ng	88
43) 2,4,6-Trichlorophenol	12.751	196	16	0.003	ng	# 49
44) 2,4,5-Trichlorophenol	12.857	196	28	0.004	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.163	154	129176	5.548	ng		99
47) 2-Chloronaphthalene	13.175	162	423	0.024	ng	#	1
48) 2-Nitroaniline	13.451	65	189	0.039	ng	#	48
49) Acenaphthylene	14.063	152	89190	3.255	ng	#	95
50) Dimethylphthalate	13.804	163	174	0.008	ng	#	45
51) 2,6-Dinitrotoluene	13.734	165	1588	0.325	ng		98
52) Acenaphthene	14.410	154	703022	40.473	ng		99
53) 3-Nitroaniline	14.281	138	69	0.013	ng	#	1
54) 2,4-Dinitrophenol	14.463	184	53	0.018	ng	#	1
55) Dibenzofuran	14.751	168	773452	27.241	ng		96
57) 2,4-Dinitrotoluene	14.710	165	1989	0.298	ng	#	67
58) Fluorene	15.416	166	888551	40.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	24485	4.139	ng	#	95
60) Diethylphthalate	15.181	149	992	0.042	ng	#	42
61) 4-Chlorophenyl-phenyle...	15.410	204	255	0.024	ng	#	1
62) 4-Nitroaniline	15.539	138	591	0.109	ng		90
65) 4,6-Dinitro-2-methylph...	15.522	198	67	0.016	ng	#	1
66) n-Nitrosodiphenylamine	15.622	169	7688	0.389	ng	#	1
67) 4-Bromophenyl-phenylether	16.339	248	103	0.014	ng	#	1
68) Hexachlorobenzene	16.445	284	407	0.047	ng	#	1
70) Pentachlorophenol	16.804	266	400103	66.676	ng		99
71) Phenanthrene	17.198	178	4188653	116.009	ng		99
72) Anthracene	17.292	178	527188	15.149	ng		99
73) Carbazole	17.575	167	120908	3.556	ng		95
74) Di-n-butylphthalate	18.163	149	7442	0.176	ng	#	66
75) Fluoranthene	19.292	202	3121150	72.682	ng		96
77) Benzidine	19.504	184	141	0.014	ng	#	1
78) Pyrene	19.663	202	2189930	42.407	ng		99
80) Butylbenzylphthalate	20.616	149	1584	0.072	ng	#	59
81) Benzo(a)anthracene	21.586	228	660783	13.083	ng		98
82) 3,3'-Dichlorobenzidine	21.510	252	538	0.030	ng	#	39
83) Chrysene	21.657	228	622074	12.856	ng		97
84) Bis(2-ethylhexyl)phtha...	21.522	149	33368	1.029	ng		97
85) Di-n-octyl phthalate	22.792	149	21129	0.401	ng	#	36
87) Indeno(1,2,3-cd)pyrene	28.762	276	213008	3.141	ng		99
88) Benzo(b)fluoranthene	23.892	252	593001	10.129	ng		97
89) Benzo(k)fluoranthene	23.951	252	209649m	3.707	ng		
90) Benzo(a)pyrene	24.792	252	340900	6.750	ng		97
91) Dibenzo(a,h)anthracene	28.792	278	60076	1.067	ng	#	91
92) Benzo(g,h,i)perylene	29.915	276	202023	3.527	ng	#	93

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

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