Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024481.D
Acq On : 30 Apr 2025 20:11
Operator : RC/JU
Sample : Q1904-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-210

Quant Time: May 01 01:07:15 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	124206	20.000	ng		-0.01
21) Naphthalene-d8	10.481	136	464378	20.000	ng		#-0.02
39) Acenaphthene-d10	14.334	164	269861	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	552630	20.000	ng		0.00
76) Chrysene-d12	21.592	240	730495	20.000	ng		# 0.00
86) Perylene-d12	24.951	264	901131	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	837466	111.485	ng		-0.01
7) Phenol-d6	6.899	99	920976	89.538	ng		-0.01
23) Nitrobenzene-d5	8.857	82	709736	87.149	ng		-0.01
42) 2,4,6-Tribromophenol	15.857	330	554424	148.493	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	1503350	85.296	ng		-0.02
79) Terphenyl-d14	19.869	244	3146501	86.821	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	186	0.059	ng	#	1
3) Pyridine	3.687	79	70	0.008	ng	#	1
4) n-Nitrosodimethylamine	3.587	42	302	0.108	ng	#	1
6) Aniline	7.034	93	59	0.006	ng	#	1
8) 2-Chlorophenol	7.352	128	64	0.008	ng		77
9) Benzaldehyde	6.893	77	2133	0.419	ng	#	7
10) Phenol	6.787	94	57	0.006	ng		76
11) bis(2-Chloroethyl)ether	7.158	93	140	0.017	ng	#	62
12) 1,3-Dichlorobenzene	7.605	146	13	0.001	ng	#	11
13) 1,4-Dichlorobenzene	7.775	146	14	0.002	ng		95
14) 1,2-Dichlorobenzene	8.140	146	29	0.003	ng		91
15) Benzyl Alcohol	7.963	79	203	0.031	ng	#	68
16) 2,2'-oxybis(1-Chloropr...	8.216	45	78	0.009	ng		79
17) 2-Methylphenol	8.175	107	60	0.009	ng	#	1
18) Hexachloroethane	8.763	117	54	0.016	ng	#	16
19) n-Nitroso-di-n-propyla...	8.493	70	208	0.033	ng	#	3
20) 3+4-Methylphenols	8.446	107	133	0.014	ng	#	1
22) Acetophenone	8.534	105	740	0.064	ng	#	73
24) Nitrobenzene	8.905	77	166	0.021	ng	#	41
25) Isophorone	9.404	82	245	0.017	ng	#	49
26) 2-Nitrophenol	9.593	139	13	0.003	ng	#	1
28) bis(2-Chloroethoxy)met...	9.887	93	54	0.005	ng	#	1
29) 2,4-Dichlorophenol	10.140	162	13	0.002	ng	#	1
30) 1,2,4-Trichlorobenzene	10.351	180	15	0.002	ng	#	41
31) Naphthalene	10.528	128	348	0.014	ng	#	64
32) Benzoic acid	9.822	122	20191m	3.500	ng		
33) 4-Chloroaniline	10.628	127	12	0.001	ng	#	1
34) Hexachlorobutadiene	10.816	225	26	0.006	ng	#	58
35) Caprolactam	11.428	113	17	0.007	ng	#	1
36) 4-Chloro-3-methylphenol	11.793	107	11	0.001	ng	#	75
37) 2-Methylnaphthalene	12.363	142	251	0.015	ng		94
38) 1-Methylnaphthalene	12.363	142	323	0.019	ng	#	88
40) 1,2,4,5-Tetrachloroben...	12.522	216	9	0.001	ng	#	1
41) Hexachlorocyclopentadiene	12.487	237	9	0.003	ng		87
43) 2,4,6-Trichlorophenol	12.763	196	19	0.004	ng	#	81
44) 2,4,5-Trichlorophenol	12.828	196	9	0.002	ng	#	1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.945	154	3245	0.164	ng	#	1
47) 2-Chloronaphthalene	13.204	162	25	0.002	ng	#	71
48) 2-Nitroaniline	13.416	65	61	0.015	ng	#	30
49) Acenaphthylene	14.057	152	66	0.003	ng	#	1
50) Dimethylphthalate	13.798	163	6961	0.355	ng		99
51) 2,6-Dinitrotoluene	13.916	165	27	0.006	ng	#	1
52) Acenaphthene	14.404	154	251	0.017	ng	#	76
53) 3-Nitroaniline	14.275	138	24	0.005	ng	#	1
54) 2,4-Dinitrophenol	14.463	184	7	0.003	ng	#	1
55) Dibenzofuran	14.745	168	170	0.007	ng	#	54
56) 4-Nitrophenol	14.663	139	36	0.010	ng		87
57) 2,4-Dinitrotoluene	14.692	165	101	0.018	ng	#	41
58) Fluorene	15.416	166	247	0.013	ng		93
59) 2,3,4,6-Tetrachlorophenol	14.992	232	9	0.002	ng	#	1
60) Diethylphthalate	15.181	149	1222	0.060	ng	#	69
61) 4-Chlorophenyl-phenyle...	15.392	204	25	0.003	ng	#	39
62) 4-Nitroaniline	15.251	138	6	0.001	ng		90
63) Azobenzene	15.763	77	79	0.004	ng		71
65) 4,6-Dinitro-2-methylph...	15.475	198	5	0.001	ng	#	1
66) n-Nitrosodiphenylamine	15.857	169	15161	0.919	ng	#	45
67) 4-Bromophenyl-phenylether	16.316	248	24	0.004	ng	#	32
68) Hexachlorobenzene	16.433	284	9	0.001	ng	#	1
69) Atrazine	16.669	200	7	0.002	ng		82
70) Pentachlorophenol	16.904	266	128	0.026	ng		93
71) Phenanthrene	17.186	178	599	0.020	ng	#	59
72) Anthracene	17.286	178	416	0.014	ng	#	93
73) Carbazole	17.575	167	330	0.012	ng	#	1
74) Di-n-butylphthalate	18.151	149	4196	0.119	ng	#	93
75) Fluoranthene	19.063	202	56	0.002	ng		65
77) Benzidine	19.504	184	54	0.006	ng	#	1
78) Pyrene	19.657	202	1119	0.024	ng	#	45
80) Butylbenzylphthalate	20.604	149	702	0.035	ng	#	82
81) Benzo(a)anthracene	21.586	228	2470	0.054	ng	#	67
82) 3,3'-Dichlorobenzidine	21.504	252	109	0.007	ng	#	62
83) Chrysene	21.639	228	569	0.013	ng	#	72
84) Bis(2-ethylhexyl)phtha...	21.510	149	7575	0.260	ng	#	97
85) Di-n-octyl phthalate	22.780	149	1129	0.024	ng	#	52
87) Indeno(1,2,3-cd)pyrene	28.739	276	38	0.001	ng	#	54
88) Benzo(b)fluoranthene	23.921	252	256	0.005	ng	#	1
89) Benzo(k)fluoranthene	23.951	252	372	0.007	ng	#	1
90) Benzo(a)pyrene	24.768	252	177	0.004	ng	#	1
91) Dibenzo(a,h)anthracene	28.815	278	35	0.001	ng	#	1
92) Benzo(g,h,i)perylene	29.898	276	47	0.001	ng	#	1

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

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