Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024134.D
Acq On : 28 Feb 2025 14:12
Operator : RC/JU
Sample : PB166890BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB166890BS

Quant Time: Feb 28 14:43:29 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	7.763	152	397887	20.000	ng		0.00
21) Naphthalene-d8	10.545	136	1696628	20.000	ng		0.01
39) Acenaphthene-d10	14.398	164	1028380	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1752193	20.000	ng		0.01
76) Chrysene-d12	21.662	240	1541028	20.000	ng		0.02
86) Perylene-d12	25.062	264	1658400	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	4116356	161.428	ng		0.00
7) Phenol-d6	6.951	99	5291125	161.443	ng		0.00
23) Nitrobenzene-d5	8.916	82	2981090	98.025	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1948137	154.657	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	6933704	94.258	ng		0.00
79) Terphenyl-d14	19.933	244	8439474	108.366	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	373450	37.334	ng		97
3) Pyridine	3.710	79	952457	36.623	ng		100
4) n-Nitrosodimethylamine	3.616	42	392070	42.500	ng		92
6) Aniline	7.098	93	1331638	44.367	ng		100
8) 2-Chlorophenol	7.334	128	1387976	51.426	ng		97
9) Benzaldehyde	6.910	77	483498	32.313	ng		98
10) Phenol	6.975	94	1750042	53.101	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	1250936	48.192	ng		98
12) 1,3-Dichlorobenzene	7.651	146	1321462	44.568	ng		99
13) 1,4-Dichlorobenzene	7.798	146	1358000	45.288	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1307540	45.436	ng		99
15) Benzyl Alcohol	8.004	79	1128833	56.269	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1350611	53.600	ng		97
17) 2-Methylphenol	8.210	107	1146480	57.086	ng		99
18) Hexachloroethane	8.834	117	489896	45.365	ng		97
19) n-Nitroso-di-n-propyla...	8.563	70	950757	53.954	ng		99
20) 3+4-Methylphenols	8.534	107	1563032	57.209	ng		99
22) Acetophenone	8.581	105	2135352	48.977	ng	#	99
24) Nitrobenzene	8.957	77	1378257	46.050	ng		99
25) Isophorone	9.481	82	2592188	52.123	ng		100
26) 2-Nitrophenol	9.663	139	713581	51.750	ng		99
27) 2,4-Dimethylphenol	9.728	122	1190787	65.788	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	1697513	47.118	ng		99
29) 2,4-Dichlorophenol	10.198	162	1265261	51.222	ng		100
30) 1,2,4-Trichlorobenzene	10.410	180	1227140	43.360	ng		98
31) Naphthalene	10.592	128	3990082	43.738	ng		99
32) Benzoic acid	9.886	122	1005138	52.157	ng		98
33) 4-Chloroaniline	10.698	127	509743	15.861	ng		99
34) Hexachlorobutadiene	10.881	225	724108	44.173	ng		99
35) Caprolactam	11.498	113	430901	51.351	ng		97
36) 4-Chloro-3-methylphenol	11.839	107	1305749	51.421	ng		99
37) 2-Methylnaphthalene	12.204	142	2702523	44.571	ng		99
38) 1-Methylnaphthalene	12.422	142	2646686	44.869	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	1530235	48.429	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1603253	136.357	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	958151	49.723	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	1025160	48.645	ng	99
46) 1,1'-Biphenyl	13.222	154	3899752	48.801	ng	99
47) 2-Chloronaphthalene	13.263	162	2664606	44.109	ng	99
48) 2-Nitroaniline	13.469	65	729245	51.104	ng	95
49) Acenaphthylene	14.116	152	4269391	47.969	ng	100
50) Dimethylphthalate	13.851	163	3226577	44.480	ng	99
51) 2,6-Dinitrotoluene	13.969	165	701474	47.472	ng	95
52) Acenaphthene	14.463	154	2526518	44.082	ng	100
53) 3-Nitroaniline	14.298	138	405860	25.739	ng	100
54) 2,4-Dinitrophenol	14.516	184	846944	86.262	ng	92
55) Dibenzofuran	14.804	168	3909060	41.985	ng	100
56) 4-Nitrophenol	14.633	139	1348699	99.019	ng	95
57) 2,4-Dinitrotoluene	14.769	165	959216	49.971	ng	98
58) Fluorene	15.463	166	3151446	43.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	844894	46.209	ng	98
60) Diethylphthalate	15.233	149	3142713	43.643	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1553905	43.416	ng	97
62) 4-Nitroaniline	15.486	138	718871	39.159	ng	96
63) Azobenzene	15.757	77	2944040	43.629	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	493208	44.343	ng	96
66) n-Nitrosodiphenylamine	15.680	169	2699968	49.412	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	958976	48.738	ng	98
68) Hexachlorobenzene	16.492	284	1131645	48.878	ng	98
69) Atrazine	16.663	200	1002222	71.472	ng	98
70) Pentachlorophenol	16.845	266	1531980	101.878	ng	99
71) Phenanthrene	17.245	178	4465261	45.201	ng	99
72) Anthracene	17.339	178	4622266	48.827	ng	100
73) Carbazole	17.621	167	4169912	46.231	ng	100
74) Di-n-butylphthalate	18.210	149	5112979	48.582	ng	99
75) Fluoranthene	19.333	202	4814822	43.091	ng	100
77) Benzidine	19.533	184	1778709	94.722	ng	99
78) Pyrene	19.709	202	4879471	49.849	ng	100
80) Butylbenzylphthalate	20.662	149	2095486	55.866	ng	94
81) Benzo(a)anthracene	21.645	228	4581522	47.413	ng	99
82) 3,3'-Dichlorobenzidine	21.556	252	1303834	43.180	ng	99
83) Chrysene	21.709	228	4261827	45.738	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	3121377	54.877	ng	99
85) Di-n-octyl phthalate	22.880	149	5177725	56.949	ng	98
87) Indeno(1,2,3-cd)pyrene	28.938	276	5785205m	49.035	ng	
88) Benzo(b)fluoranthene	23.986	252	4577077	43.462	ng	99
89) Benzo(k)fluoranthene	24.062	252	4629641	45.164	ng	99
90) Benzo(a)pyrene	24.915	252	4393124	49.154	ng	99
91) Dibenzo(a,h)anthracene	29.015	278	4776131	48.146	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4526778	44.969	ng	99

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

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