Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024139.D
Acq On : 28 Feb 2025 17:40
Operator : RC/JU
Sample : Q1420-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-WCMS

Quant Time: Feb 28 21:59:13 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	7.758	152	393069	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1505509	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	899449	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1721489	20.000	ng		0.01
76) Chrysene-d12	21.669	240	1862487	20.000	ng		0.02
86) Perylene-d12	25.068	264	2158036	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	3364942	133.578	ng		0.00
7) Phenol-d6	6.946	99	3913376	120.869	ng		0.00
23) Nitrobenzene-d5	8.910	82	2670071	98.943	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1865606	169.335	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	5841166	90.788	ng		0.00
79) Terphenyl-d14	19.933	244	9277653	98.568	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	431042	43.619	ng	#	46
3) Pyridine	3.717	79	969589	37.739	ng		99
4) n-Nitrosodimethylamine	3.617	42	377496	41.422	ng		91
6) Aniline	7.093	93	451346	15.222	ng		99
8) 2-Chlorophenol	7.334	128	1197840	44.925	ng		98
9) Benzaldehyde	6.905	77	361936m	24.485	ng		
10) Phenol	6.969	94	1310311	40.246	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	1172583	45.727	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1269629	43.345	ng		99
13) 1,4-Dichlorobenzene	7.793	146	1285045	43.381	ng		99
14) 1,2-Dichlorobenzene	8.111	146	1238009	43.548	ng		100
15) Benzyl Alcohol	7.999	79	1010404	50.983	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1218805	48.962	ng		98
17) 2-Methylphenol	8.205	107	963299	48.553	ng		100
18) Hexachloroethane	8.834	117	464623	43.552	ng		99
19) n-Nitroso-di-n-propyla...	8.558	70	854307	49.075	ng		98
20) 3+4-Methylphenols	8.528	107	1306476	48.405	ng		99
22) Acetophenone	8.575	105	1933321	49.973	ng	#	99
24) Nitrobenzene	8.952	77	1230135	46.319	ng		98
25) Isophorone	9.475	82	2380856	53.951	ng		100
26) 2-Nitrophenol	9.658	139	627776	51.307	ng		98
27) 2,4-Dimethylphenol	9.722	122	1015096	63.201	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	1496478	46.811	ng		100
29) 2,4-Dichlorophenol	10.193	162	1087274	49.604	ng		100
30) 1,2,4-Trichlorobenzene	10.399	180	1118579	44.541	ng		100
31) Naphthalene	10.587	128	3554827	43.913	ng		100
32) Benzoic acid	9.869	122	731430	44.120	ng		99
33) 4-Chloroaniline	10.699	127	201218	7.056	ng		99
34) Hexachlorobutadiene	10.869	225	655307	45.051	ng		100
35) Caprolactam	11.499	113	354267	47.987	ng		99
36) 4-Chloro-3-methylphenol	11.834	107	1153892	51.209	ng		96
37) 2-Methylnaphthalene	12.199	142	2403322	44.668	ng		99
38) 1-Methylnaphthalene	12.416	142	2345341	44.808	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1369256	49.546	ng		99
41) Hexachlorocyclopentadiene	12.551	237	1450809	141.079	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	858911	50.962	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	920737	49.953	ng	98
46) 1,1'-Biphenyl	13.216	154	3493689	49.986	ng	99
47) 2-Chloronaphthalene	13.257	162	2415170	45.711	ng	99
48) 2-Nitroaniline	13.463	65	691227	55.383	ng	96
49) Acenaphthylene	14.110	152	3895499	50.042	ng	100
50) Dimethylphthalate	13.851	163	3157162	49.762	ng	100
51) 2,6-Dinitrotoluene	13.969	165	677817	52.446	ng	90
52) Acenaphthene	14.457	154	2336268	46.606	ng	98
53) 3-Nitroaniline	14.298	138	274897	19.933	ng	100
54) 2,4-Dinitrophenol	14.510	184	837680	96.530	ng	92
55) Dibenzofuran	14.798	168	3641261	44.714	ng	99
56) 4-Nitrophenol	14.634	139	1269121	106.533	ng	95
57) 2,4-Dinitrotoluene	14.757	165	956100	56.948	ng	99
58) Fluorene	15.457	166	3036008	47.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	808289	50.544	ng	98
60) Diethylphthalate	15.234	149	3127394	49.655	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1478380	47.227	ng	99
62) 4-Nitroaniline	15.481	138	717718	44.235	ng	95
63) Azobenzene	15.751	77	2848429	48.263	ng	97
65) 4,6-Dinitro-2-methylph...	15.540	198	504562	45.925	ng	98
66) n-Nitrosodiphenylamine	15.675	169	2621030	48.823	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	937847	48.514	ng	99
68) Hexachlorobenzene	16.487	284	1110019	48.799	ng	98
69) Atrazine	16.657	200	1042367	75.660	ng	97
70) Pentachlorophenol	16.845	266	1638993	110.939	ng	100
71) Phenanthrene	17.239	178	4590684	47.300	ng	99
72) Anthracene	17.334	178	4643187	49.922	ng	100
73) Carbazole	17.616	167	4463419	50.368	ng	100
74) Di-n-butylphthalate	18.210	149	5641149	54.557	ng	99
75) Fluoranthene	19.328	202	5354321	48.774	ng	99
77) Benzidine	19.528	184	962528	42.411	ng	98
78) Pyrene	19.710	202	5524957	46.701	ng	100
80) Butylbenzylphthalate	20.663	149	2621010	57.817	ng	97
81) Benzo(a)anthracene	21.645	228	5718416	48.964	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	957507	26.237	ng	99
83) Chrysene	21.716	228	5312728	47.176	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	3950211	57.462	ng	98
85) Di-n-octyl phthalate	22.886	149	6911226	62.896	ng	98
87) Indeno(1,2,3-cd)pyrene	28.939	276	7820902m	50.942	ng	
88) Benzo(b)fluoranthene	23.992	252	6138560	44.794	ng	100
89) Benzo(k)fluoranthene	24.063	252	6097354	45.711	ng	99
90) Benzo(a)pyrene	24.916	252	5883368	50.587	ng	99
91) Dibenzo(a,h)anthracene	29.027	278	6493169	50.301	ng	99
92) Benzo(g,h,i)perylene	30.133	276	6066966	46.316	ng	99

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

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