Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024140.D
Acq On : 28 Feb 2025 18:21
Operator : RC/JU
Sample : Q1420-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-WCMSD

Quant Time: Feb 28 22:00:28 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	336923	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1296464	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	760979	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1447200	20.000	ng		0.02
76) Chrysene-d12	21.651	240	1597502	20.000	ng		0.00
86) Perylene-d12	25.051	264	1838094	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2940804	136.195	ng		0.00
7) Phenol-d6	6.946	99	3437337	123.858	ng		0.00
23) Nitrobenzene-d5	8.905	82	2303484	99.123	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1501251	161.059	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	4886941	89.778	ng		0.00
79) Terphenyl-d14	19.922	244	7781348	96.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	397256	46.900	ng	#	49
3) Pyridine	3.717	79	866768	39.359	ng		99
4) n-Nitrosodimethylamine	3.617	42	335810	42.989	ng		93
6) Aniline	7.093	93	436768	17.185	ng		99
8) 2-Chlorophenol	7.334	128	1033791	45.234	ng		99
9) Benzaldehyde	6.905	77	314618m	24.831	ng		
10) Phenol	6.969	94	1155602	41.409	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	983240	44.733	ng		100
12) 1,3-Dichlorobenzene	7.646	146	1074050	42.778	ng		99
13) 1,4-Dichlorobenzene	7.793	146	1101193	43.369	ng		99
14) 1,2-Dichlorobenzene	8.111	146	1048998	43.048	ng		99
15) Benzyl Alcohol	7.999	79	869260	51.170	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1003297	47.021	ng		98
17) 2-Methylphenol	8.205	107	837343	49.237	ng		99
18) Hexachloroethane	8.828	117	388297	42.463	ng		96
19) n-Nitroso-di-n-propyla...	8.558	70	717141	48.060	ng		99
20) 3+4-Methylphenols	8.528	107	1124153	48.591	ng		98
22) Acetophenone	8.575	105	1665012	49.977	ng	#	99
24) Nitrobenzene	8.946	77	1054550	46.110	ng		99
25) Isophorone	9.475	82	1975284	51.978	ng		99
26) 2-Nitrophenol	9.652	139	536229	50.891	ng		98
27) 2,4-Dimethylphenol	9.722	122	864972	62.538	ng		100
28) bis(2-Chloroethoxy)met...	9.952	93	1241233	45.087	ng		100
29) 2,4-Dichlorophenol	10.193	162	913219	48.382	ng		100
30) 1,2,4-Trichlorobenzene	10.405	180	932398	43.114	ng		98
31) Naphthalene	10.587	128	3028247	43.440	ng		99
32) Benzoic acid	9.852	122	530611	38.347	ng		98
33) 4-Chloroaniline	10.699	127	164944	6.716	ng		99
34) Hexachlorobutadiene	10.875	225	537224	42.888	ng		99
35) Caprolactam	11.493	113	299271	47.180	ng		98
36) 4-Chloro-3-methylphenol	11.840	107	964365	49.699	ng		99
37) 2-Methylnaphthalene	12.199	142	1995133	43.060	ng		99
38) 1-Methylnaphthalene	12.422	142	1952254	43.312	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	1121167	47.951	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1161014	133.442	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	709120	49.731	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	764946	49.052	ng	99
46) 1,1'-Biphenyl	13.216	154	2896833	48.989	ng	99
47) 2-Chloronaphthalene	13.257	162	2008912	44.941	ng	99
48) 2-Nitroaniline	13.463	65	579358	54.867	ng	98
49) Acenaphthylene	14.110	152	3273702	49.707	ng	100
50) Dimethylphthalate	13.851	163	2567773	47.836	ng	100
51) 2,6-Dinitrotoluene	13.969	165	544296	49.778	ng	95
52) Acenaphthene	14.463	154	1953133	46.052	ng	99
53) 3-Nitroaniline	14.298	138	207888	17.817	ng	98
54) 2,4-Dinitrophenol	14.510	184	607521	83.857	ng	93
55) Dibenzofuran	14.798	168	3008396	43.665	ng	99
56) 4-Nitrophenol	14.634	139	1086226	107.772	ng	96
57) 2,4-Dinitrotoluene	14.769	165	783803	55.181	ng	92
58) Fluorene	15.463	166	2492484	46.323	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	663646	49.050	ng	98
60) Diethylphthalate	15.240	149	2484446	46.625	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1200729	45.337	ng	98
62) 4-Nitroaniline	15.481	138	590816	43.128	ng	96
63) Azobenzene	15.757	77	2282832	45.718	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	393394	43.029	ng	93
66) n-Nitrosodiphenylamine	15.681	169	2130076	47.198	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	746897	45.959	ng	97
68) Hexachlorobenzene	16.487	284	892041	46.649	ng	98
69) Atrazine	16.657	200	830705	71.725	ng	98
70) Pentachlorophenol	16.851	266	1309428	105.430	ng	100
71) Phenanthrene	17.245	178	3805333	46.639	ng	100
72) Anthracene	17.334	178	3867310	49.461	ng	100
73) Carbazole	17.616	167	3753534	50.385	ng	100
74) Di-n-butylphthalate	18.210	149	4315855	49.651	ng	99
75) Fluoranthene	19.328	202	4436851	48.077	ng	100
77) Benzidine	19.522	184	785763	40.365	ng	99
78) Pyrene	19.704	202	4726690	46.581	ng	100
80) Butylbenzylphthalate	20.657	149	2091634	53.792	ng	92
81) Benzo(a)anthracene	21.633	228	4847922	48.396	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	770514	24.616	ng	98
83) Chrysene	21.698	228	4553459	47.141	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	2953792	50.094	ng	99
85) Di-n-octyl phthalate	22.875	149	5218527	55.369	ng	98
87) Indeno(1,2,3-cd)pyrene	28.915	276	6559772	50.165	ng	99
88) Benzo(b)fluoranthene	23.980	252	5085191	43.566	ng	100
89) Benzo(k)fluoranthene	24.051	252	5107104	44.951	ng	99
90) Benzo(a)pyrene	24.892	252	4855699	49.018	ng	99
91) Dibenzo(a,h)anthracene	29.021	278	5396048	49.078	ng	100
92) Benzo(g,h,i)perylene	30.109	276	5177929	46.409	ng	100

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

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