Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
Data File : BP008148.D
Acq On : 29 Nov 2021 18:47
Operator : CG/JU
Sample : M4819-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-112321MS

Quant Time: Nov 30 00:05:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	111247	20.000	ng		-0.01
21) Naphthalene-d8	10.604	136	430899	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	279448	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	598654	20.000	ng		0.00
76) Chrysene-d12	21.310	240	617518	20.000	ng		0.00
86) Perylene-d12	23.704	264	666493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	143915	20.829	ng		-0.01
7) Phenol-d6	6.987	99	189754	20.344	ng		-0.01
23) Nitrobenzene-d5	8.963	82	126526	13.352	ng		-0.01
42) 2,4,6-Tribromophenol	15.945	330	72372	20.262	ng		-0.01
45) 2-Fluorobiphenyl	13.069	172	274037	14.244	ng		-0.01
79) Terphenyl-d14	19.774	244	430099	14.556	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	22483	6.975	ng		96
3) Pyridine	3.711	79	52604	6.114	ng		97
4) n-Nitrosodimethylamine	3.616	42	30905	8.612	ng	#	94
6) Aniline	7.134	93	38484	3.520	ng		96
8) 2-Chlorophenol	7.375	128	62500	8.836	ng		97
9) Benzaldehyde	6.946	77	40105	3.733	ng		94
10) Phenol	7.010	94	86545	9.029	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	64012	8.356	ng		96
12) 1,3-Dichlorobenzene	7.693	146	70751	8.666	ng		98
13) 1,4-Dichlorobenzene	7.840	146	71762	8.670	ng		98
14) 1,2-Dichlorobenzene	8.157	146	69191	8.405	ng		99
15) Benzyl Alcohol	8.052	79	64952	8.789	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	97775	8.458	ng		99
17) 2-Methylphenol	8.257	107	55815	8.951	ng		98
18) Hexachloroethane	8.881	117	22826	7.416	ng		91
19) n-Nitroso-di-n-propyla...	8.610	70	52524	8.138	ng		99
20) 3+4-Methylphenols	8.587	107	73976	8.596	ng		99
22) Acetophenone	8.628	105	97630	8.283	ng	#	98
24) Nitrobenzene	9.004	77	77564	8.440	ng		96
25) Isophorone	9.534	82	134536	8.115	ng		97
26) 2-Nitrophenol	9.716	139	28551	7.201	ng		95
27) 2,4-Dimethylphenol	9.787	122	57042	9.620	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	83139	7.869	ng		99
29) 2,4-Dichlorophenol	10.263	162	61287	8.654	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	70035	8.520	ng		96
31) Naphthalene	10.651	128	192703	8.730	ng		99
32) Benzoic acid	9.904	122	34393	7.091	ng		94
33) 4-Chloroaniline	10.769	127	30336	3.313	ng		98
34) Hexachlorobutadiene	10.940	225	48542	8.629	ng		99
35) Caprolactam	11.551	113	18230	11.588	ng		96
36) 4-Chloro-3-methylphenol	11.904	107	67704	8.363	ng		98
37) 2-Methylnaphthalene	12.269	142	142293	9.114	ng		98
38) 1-Methylnaphthalene	12.487	142	129075	8.494	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	80648	8.884	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	52820	8.588	ng		97
44) 2,4,5-Trichlorophenol	12.963	196	55343	8.398	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.281	154	176911	8.726	ng		98
47) 2-Chloronaphthalene	13.322	162	141173	8.817	ng		99
48) 2-Nitroaniline	13.528	65	49257	8.927	ng		96
49) Acenaphthylene	14.169	152	218799	8.858	ng		98
50) Dimethylphthalate	13.910	163	172418	8.216	ng		100
51) 2,6-Dinitrotoluene	14.028	165	35792	8.218	ng		94
52) Acenaphthene	14.516	154	131723	8.948	ng		99
53) 3-Nitroaniline	14.357	138	23151	5.245	ng		99
55) Dibenzofuran	14.851	168	216542	8.608	ng		99
56) 4-Nitrophenol	14.686	139	55628	16.444	ng		90
57) 2,4-Dinitrotoluene	14.822	165	45914	7.682	ng	#	95
58) Fluorene	15.504	166	174636	8.544	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	49843	8.505	ng	#	92
60) Diethylphthalate	15.281	149	170804	8.202	ng		100
61) 4-Chlorophenyl-phenyle...	15.498	204	90302	8.055	ng		98
62) 4-Nitroaniline	15.522	138	33288	7.268	ng		98
63) Azobenzene	15.792	77	170841	8.021	ng		99
66) n-Nitrosodiphenylamine	15.710	169	150184	8.661	ng		97
67) 4-Bromophenyl-phenylether	16.398	248	56708	8.519	ng		97
68) Hexachlorobenzene	16.516	284	61619	8.659	ng		99
69) Atrazine	16.675	200	57981	12.883	ng		98
70) Pentachlorophenol	16.863	266	68174	16.112	ng		98
71) Phenanthrene	17.251	178	325913	10.311	ng		100
72) Anthracene	17.345	178	298577	9.519	ng		99
73) Carbazole	17.616	167	253682	8.285	ng		99
74) Di-n-butylphthalate	18.174	149	302705	7.897	ng		100
75) Fluoranthene	19.227	202	416284	9.777	ng		98
77) Benzidine	19.410	184	105331	12.435	ng		97
78) Pyrene	19.580	202	418873	8.681	ng		99
80) Butylbenzylphthalate	20.457	149	141663	8.056	ng		99
81) Benzo(a)anthracene	21.292	228	377285	9.219	ng		99
82) 3,3'-Dichlorobenzidine	21.227	252	107071	5.553	ng		99
83) Chrysene	21.345	228	358574	9.207	ng		99
84) Bis(2-ethylhexyl)phtha...	21.221	149	207931	7.788	ng		99
85) Di-n-octyl phthalate	22.145	149	362270	7.988	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.198	276	413172	8.521	ng		97
88) Benzo(b)fluoranthene	22.974	252	389975	9.706	ng		97
89) Benzo(k)fluoranthene	23.021	252	351522	8.936	ng		97
90) Benzo(a)pyrene	23.598	252	369516	10.760	ng		100
91) Dibenzo(a,h)anthracene	26.215	278	345508	8.580	ng		97
92) Benzo(g,h,i)perylene	26.962	276	348764	8.585	ng		99

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

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