Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008207.D
Acq On : 03 Dec 2021 16:19
Operator : CG/JU
Sample : M4798-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0MSD

Quant Time: Dec 03 16:56:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	85569	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	313914	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	206894	20.000	ng		0.01
64) Phenanthrene-d10	17.222	188	447070	20.000	ng		0.01
76) Chrysene-d12	21.316	240	543362	20.000	ng		0.00
86) Perylene-d12	23.710	264	537841	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	566564	106.607	ng		0.00
7) Phenol-d6	6.981	99	720013	100.361	ng		0.00
23) Nitrobenzene-d5	8.958	82	501338	72.623	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	329986	124.784	ng		0.01
45) 2-Fluorobiphenyl	13.075	172	909231	63.834	ng		0.00
79) Terphenyl-d14	19.781	244	1694792	65.186	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	83479	33.669	ng		99
3) Pyridine	3.687	79	228064	34.463	ng		100
4) n-Nitrosodimethylamine	3.599	42	122127	44.246	ng		99
6) Aniline	7.122	93	189396	22.521	ng		93
8) 2-Chlorophenol	7.364	128	264143	48.552	ng		96
9) Benzaldehyde	6.934	77	163600	41.314	ng		98
10) Phenol	7.011	94	349653	47.427	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	271553	46.083	ng		98
12) 1,3-Dichlorobenzene	7.681	146	293002	46.659	ng		100
13) 1,4-Dichlorobenzene	7.828	146	299097	46.978	ng		97
14) 1,2-Dichlorobenzene	8.146	146	288638	45.585	ng		97
15) Benzyl Alcohol	8.046	79	277661	48.848	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	376497	42.344	ng		96
17) 2-Methylphenol	8.258	107	224418	46.790	ng		97
18) Hexachloroethane	8.869	117	118939	50.242	ng		92
19) n-Nitroso-di-n-propyla...	8.611	70	217852	43.884	ng		99
20) 3+4-Methylphenols	8.587	107	302553	45.706	ng		97
22) Acetophenone	8.622	105	400281	46.618	ng		99
24) Nitrobenzene	8.999	77	326530	48.774	ng		97
25) Isophorone	9.534	82	605206	50.111	ng	#	92
26) 2-Nitrophenol	9.710	139	147985	51.233	ng	#	89
27) 2,4-Dimethylphenol	9.787	122	211651	48.996	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	329375	42.791	ng	#	92
29) 2,4-Dichlorophenol	10.258	162	264255	51.220	ng		100
30) 1,2,4-Trichlorobenzene	10.463	180	293521	49.016	ng		100
31) Naphthalene	10.646	128	761050	47.326	ng		97
32) Benzoic acid	9.981	122	171439	48.517	ng		96
33) 4-Chloroaniline	10.763	127	161548	24.215	ng		96
34) Hexachlorobutadiene	10.934	225	206967	50.504	ng		97
35) Caprolactam	11.581	113	65614	57.253	ng	#	23
36) 4-Chloro-3-methylphenol	11.910	107	271679	46.064	ng		94
37) 2-Methylnaphthalene	12.269	142	535623	47.094	ng		96
38) 1-Methylnaphthalene	12.487	142	808912	73.068	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	333001	49.549	ng	#	96
41) Hexachlorocyclopentadiene	12.616	237	198256	76.730	ng		100
43) 2,4,6-Trichlorophenol	12.893	196	213953	46.988	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	223436	45.794	ng	#	81
46) 1,1'-Biphenyl	13.287	154	665972	44.366	ng		97
47) 2-Chloronaphthalene	13.328	162	538594	45.434	ng		98
48) 2-Nitroaniline	13.534	65	182076	44.571	ng		96
49) Acenaphthylene	14.181	152	860056	47.028	ng	#	93
50) Dimethylphthalate	13.922	163	663896	42.732	ng	#	98
51) 2,6-Dinitrotoluene	14.040	165	178186	55.262	ng		94
52) Acenaphthene	14.522	154	584271	53.608	ng		99
53) 3-Nitroaniline	14.363	138	120491	36.874	ng	#	85
54) 2,4-Dinitrophenol	14.598	184	187951	98.589	ng		94
55) Dibenzofuran	14.863	168	883420	47.433	ng	#	83
56) 4-Nitrophenol	14.704	139	271489	108.396	ng	#	78
57) 2,4-Dinitrotoluene	14.840	165	263816	59.620	ng	#	95
58) Fluorene	15.516	166	807344	53.353	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.098	232	198669	45.790	ng	#	46
60) Diethylphthalate	15.287	149	660588	42.847	ng		96
61) 4-Chlorophenyl-phenyle...	15.504	204	369253	44.488	ng		90
62) 4-Nitroaniline	15.540	138	134201	39.579	ng		96
63) Azobenzene	15.804	77	621320	39.398	ng	#	76
65) 4,6-Dinitro-2-methylph...	15.616	198	128439	43.923	ng	#	57
66) n-Nitrosodiphenylamine	15.722	169	1061741	81.986	ng		88
67) 4-Bromophenyl-phenylether	16.404	248	244098	49.101	ng		94
68) Hexachlorobenzene	16.540	284	289789	54.532	ng		97
69) Atrazine	16.687	200	275318	81.915	ng		98
70) Pentachlorophenol	16.881	266	324306	102.631	ng		98
71) Phenanthrene	17.263	178	1403302	59.451	ng		96
72) Anthracene	17.357	178	1209878	51.649	ng		97
73) Carbazole	17.628	167	1047143	45.792	ng	#	92
74) Di-n-butylphthalate	18.181	149	1253268	43.781	ng		100
75) Fluoranthene	19.239	202	1498784	47.134	ng		97
77) Benzidine	19.410	184	455084	61.057	ng	#	93
78) Pyrene	19.586	202	1762185	51.886	ng		99
80) Butylbenzylphthalate	20.457	149	639030	41.300	ng		96
81) Benzo(a)anthracene	21.298	228	1641344	45.578	ng		99
82) 3,3'-Dichlorobenzidine	21.227	252	320676	18.900	ng		100
83) Chrysene	21.351	228	1616901	47.184	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1229584	52.340	ng		99
85) Di-n-octyl phthalate	22.145	149	1769970	44.352	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.215	276	1650176	42.173	ng		96
88) Benzo(b)fluoranthene	22.980	252	1658975	51.165	ng		99
89) Benzo(k)fluoranthene	23.027	252	1598080	50.344	ng		98
90) Benzo(a)pyrene	23.604	252	1549290	55.907	ng	#	98
91) Dibenzo(a,h)anthracene	26.233	278	1410066	43.391	ng	#	97
92) Benzo(g,h,i)perylene	26.986	276	1365608	41.655	ng		96

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

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