Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006543.D
Acq On : 06 Aug 2021 17:39
Operator : CG/JU
Sample : M3296-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-BPM-03-026-ABCDMS

Quant Time: Aug 06 18:44:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	230522	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	883926	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	412734	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	714374	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	640957	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	730492	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1767985	117.799	ng		0.00
7) Phenol-d6	6.940	99	2155633	101.109	ng		0.00
23) Nitrobenzene-d5	8.916	82	1453851	75.918	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	471804	109.378	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2181112	79.064	ng		0.00
79) Terphenyl-d14	19.710	244	2337126	73.064	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	288902	44.214	ng		91
3) Pyridine	3.693	79	724739	37.738	ng		94
4) n-Nitrosodimethylamine	3.611	42	305294	42.118	ng	#	79
6) Aniline	7.093	93	940930	40.630	ng		94
8) 2-Chlorophenol	7.322	128	692420	42.639	ng		91
9) Benzaldehyde	6.905	77	492389	38.372	ng		91
10) Phenol	6.963	94	872161	40.797	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	704231	43.384	ng		91
12) 1,3-Dichlorobenzene	7.646	146	773713	45.715	ng		97
13) 1,4-Dichlorobenzene	7.793	146	780255	45.425	ng		97
14) 1,2-Dichlorobenzene	8.105	146	736192	44.666	ng		97
15) Benzyl Alcohol	8.005	79	649952	40.652	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	841543	43.566	ng		92
17) 2-Methylphenol	8.205	107	557402	41.292	ng		100
18) Hexachloroethane	8.822	117	315438	46.396	ng		87
19) n-Nitroso-di-n-propyla...	8.569	70	556966	38.939	ng		96
20) 3+4-Methylphenols	8.534	107	731233	39.798	ng		99
22) Acetophenone	8.581	105	1046787	44.656	ng	#	98
24) Nitrobenzene	8.957	77	827599	41.574	ng		93
25) Isophorone	9.481	82	1344022	39.075	ng		94
26) 2-Nitrophenol	9.657	139	340964	47.064	ng		90
27) 2,4-Dimethylphenol	9.728	122	568920	46.896	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	826343	44.901	ng		99
29) 2,4-Dichlorophenol	10.193	162	505731	41.176	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	578626	43.842	ng		98
31) Naphthalene	10.587	128	2004154	42.195	ng		99
32) Benzoic acid	9.857	122	277378	29.555	ng		92
33) 4-Chloroaniline	10.704	127	417326	21.712	ng	#	95
34) Hexachlorobutadiene	10.875	225	342435	44.525	ng		99
35) Caprolactam	11.504	113	162017	36.583	ng	#	67
36) 4-Chloro-3-methylphenol	11.834	107	579402	37.129	ng		91
37) 2-Methylnaphthalene	12.204	142	1279022	39.739	ng		99
38) 1-Methylnaphthalene	12.422	142	1176249	38.457	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	533565	49.393	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	782386	136.558	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	342939	46.494	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	359598	44.043	ng	#	89
46) 1,1'-Biphenyl	13.222	154	1417609	45.378	ng		96
47) 2-Chloronaphthalene	13.257	162	1102210	45.816	ng		94
48) 2-Nitroaniline	13.469	65	378509	44.583	ng		86
49) Acenaphthylene	14.104	152	1738497	44.816	ng		100
50) Dimethylphthalate	13.857	163	1243110	41.377	ng		99
51) 2,6-Dinitrotoluene	13.969	165	267053	39.835	ng	#	77
52) Acenaphthene	14.451	154	1017647	43.105	ng		98
53) 3-Nitroaniline	14.298	138	214079	28.805	ng		85
54) 2,4-Dinitrophenol	14.504	184	258377	73.700	ng	#	81
55) Dibenzofuran	14.787	168	1519972	40.931	ng		95
56) 4-Nitrophenol	14.616	139	534923	82.891	ng		86
57) 2,4-Dinitrotoluene	14.757	165	361430	40.200	ng	#	80
58) Fluorene	15.434	166	1218002	41.036	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	278949	40.769	ng	#	71
60) Diethylphthalate	15.222	149	1290053	40.882	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	554527	41.254	ng		92
62) 4-Nitroaniline	15.463	138	302643	38.375	ng		89
63) Azobenzene	15.728	77	1492715	40.574	ng		91
65) 4,6-Dinitro-2-methylph...	15.522	198	165082	37.820	ng		75
66) n-Nitrosodiphenylamine	15.651	169	1004168	44.721	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	314359	45.863	ng	#	90
68) Hexachlorobenzene	16.439	284	351728	45.092	ng	#	89
69) Atrazine	16.616	200	327360	46.721	ng		96
70) Pentachlorophenol	16.786	266	478361	96.658	ng		100
71) Phenanthrene	17.181	178	1732018	42.984	ng		99
72) Anthracene	17.269	178	1769452	45.445	ng		100
73) Carbazole	17.545	167	1635093	41.171	ng		98
74) Di-n-butylphthalate	18.110	149	2143389	47.370	ng		99
75) Fluoranthene	19.157	202	1858846	41.100	ng		94
77) Benzidine	19.345	184	1225677	76.419	ng		98
78) Pyrene	19.510	202	1900072	44.381	ng		99
80) Butylbenzylphthalate	20.398	149	971912	51.626	ng		88
81) Benzo(a)anthracene	21.222	228	1801153	42.998	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	515209	46.850	ng	#	97
83) Chrysene	21.274	228	1770732	43.604	ng		100
84) Bis(2-ethylhexyl)phtha...	21.163	149	1442784	50.999	ng	#	97
85) Di-n-octyl phthalate	22.069	149	2506666	53.757	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.974	276	2610931	49.292	ng	#	89
88) Benzo(b)fluoranthene	22.857	252	1977066	41.643	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	1923814	42.205	ng	#	96
90) Benzo(a)pyrene	23.463	252	1980171	46.501	ng	#	95
91) Dibenzo(a,h)anthracene	25.992	278	2212245	48.306	ng	#	93
92) Benzo(g,h,i)perylene	26.709	276	2225709	50.715	ng	#	89

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

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