Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029728.D
Acq On : 30 Apr 2021 14:17
Operator : CG/JU
Sample : PB136086BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB136086BS

Quant Time: Apr 30 14:51:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.592	152	85591	20.00	ng		0.00
21) Naphthalene-d8	10.369	136	315474	20.00	ng		# 0.00
39) Acenaphthene-d10	14.239	164	216552	20.00	ng		0.00
64) Phenanthrene-d10	16.986	188	422080	20.00	ng		# 0.00
76) Chrysene-d12	21.168	240	371383	20.00	ng		-0.01
86) Perylene-d12	23.339	264	315131	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	498864	121.52	ng		0.00
7) Phenol-d6	6.781	99	614793	110.29	ng		0.00
23) Nitrobenzene-d5	8.751	82	403270	73.86	ng		0.00
42) 2,4,6-Tribromophenol	15.733	330	386914	112.54	ng		0.00
45) 2-Fluorobiphenyl	12.857	172	1282223	76.79	ng		0.00
79) Terphenyl-d14	19.621	244	1737206	85.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.122	88	48884	31.37	ng	#	89
3) Pyridine	3.522	79	124182	40.05	ng		93
4) n-Nitrosodimethylamine	3.440	42	59156	38.22	ng	#	74
6) Aniline	6.928	93	215852	35.94	ng		94
8) 2-Chlorophenol	7.163	128	209605	41.56	ng		91
9) Benzaldehyde	6.745	77	48322	22.20	ng		91
10) Phenol	6.804	94	225023	42.23	ng		96
11) bis(2-Chloroethyl)ether	7.028	93	169020	40.43	ng		93
12) 1,3-Dichlorobenzene	7.481	146	243606	39.84	ng		96
13) 1,4-Dichlorobenzene	7.628	146	249509	39.95	ng		97
14) 1,2-Dichlorobenzene	7.939	146	242791	39.64	ng		97
15) Benzyl Alcohol	7.840	79	164203	42.14	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.116	45	163676	36.14	ng		91
17) 2-Methylphenol	8.045	107	159916	42.06	ng		95
18) Hexachloroethane	8.657	117	86152	39.49	ng	#	83
19) n-Nitroso-di-n-propyla...	8.404	70	136836	38.04	ng	#	87
20) 3+4-Methylphenols	8.375	107	215784	42.32	ng		97
22) Acetophenone	8.416	105	286941	40.33	ng		94
24) Nitrobenzene	8.792	77	203221	36.96	ng		90
25) Isophorone	9.316	82	380262	37.70	ng		96
26) 2-Nitrophenol	9.498	139	119454	42.12	ng		88
27) 2,4-Dimethylphenol	9.563	122	186236	46.07	ng		98
28) bis(2-Chloroethoxy)met...	9.798	93	231573	43.14	ng		99
29) 2,4-Dichlorophenol	10.028	162	236340	42.40	ng		97
30) 1,2,4-Trichlorobenzene	10.239	180	272940	40.30	ng		99
31) Naphthalene	10.422	128	620595	38.45	ng		99
32) Benzoic acid	9.739	122	123876	40.25	ng		88
33) 4-Chloroaniline	10.539	127	139917	22.69	ng		96
34) Hexachlorobutadiene	10.704	225	192845	40.44	ng		99
35) Caprolactam	11.339	113	52548	38.84	ng	#	76
36) 4-Chloro-3-methylphenol	11.675	107	193303	40.11	ng		96
37) 2-Methylnaphthalene	12.039	142	482613	38.89	ng		98
38) 1-Methylnaphthalene	12.263	142	447821	37.89	ng		99
40) 1,2,4,5-Tetrachloroben...	12.416	216	344883	43.63	ng	#	96
41) Hexachlorocyclopentadiene	12.392	237	414006	93.27	ng		99
43) 2,4,6-Trichlorophenol	12.663	196	211490	42.20	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	228422	42.44	ng	#	93
46) 1,1'-Biphenyl	13.069	154	658631	40.28	ng		98
47) 2-Chloronaphthalene	13.110	162	522887	39.64	ng		98
48) 2-Nitroaniline	13.322	65	107063	39.28	ng		85
49) Acenaphthylene	13.963	152	822601	41.30	ng		99
50) Dimethylphthalate	13.710	163	638294	38.60	ng		99
51) 2,6-Dinitrotoluene	13.827	165	141792	37.85	ng	#	80
52) Acenaphthene	14.304	154	484198	39.22	ng		96
53) 3-Nitroaniline	14.157	138	73017	24.55	ng		90
54) 2,4-Dinitrophenol	14.374	184	178725	73.45	ng	#	76
55) Dibenzofuran	14.639	168	783354	37.67	ng		95
56) 4-Nitrophenol	14.480	139	184611	76.63	ng		86
57) 2,4-Dinitrotoluene	14.621	165	186479	38.23	ng	#	86
58) Fluorene	15.292	166	645818	37.81	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.874	232	203436	40.66	ng	#	85
60) Diethylphthalate	15.080	149	603219	37.29	ng		96
61) 4-Chlorophenyl-phenyle...	15.292	204	377478	39.72	ng		93
62) 4-Nitroaniline	15.327	138	106693	35.29	ng		85
63) Azobenzene	15.586	77	458746	34.66	ng		87
65) 4,6-Dinitro-2-methylph...	15.386	198	112995	38.56	ng		84
66) n-Nitrosodiphenylamine	15.510	169	550724	43.91	ng		99
67) 4-Bromophenyl-phenylether	16.180	248	231230	46.02	ng	#	92
68) Hexachlorobenzene	16.298	284	252191	44.96	ng	#	90
69) Atrazine	16.462	200	212965	43.82	ng		97
70) Pentachlorophenol	16.645	266	309704	93.65	ng		95
71) Phenanthrene	17.027	178	957958	40.27	ng		99
72) Anthracene	17.115	178	969161	41.04	ng		99
73) Carbazole	17.392	167	796267	37.38	ng		99
74) Di-n-butylphthalate	17.956	149	988585	39.27	ng		99
75) Fluoranthene	19.045	202	1082170	37.05	ng		98
77) Benzidine	19.239	184	340655	49.59	ng		99
78) Pyrene	19.409	202	1098453	46.12	ng		99
80) Butylbenzylphthalate	20.315	149	391632	43.12	ng		88
81) Benzo(a)anthracene	21.156	228	1004893	41.59	ng		99
82) 3,3'-Dichlorobenzidine	21.092	252	280786	36.55	ng	#	98
83) Chrysene	21.203	228	961073	40.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	597851	41.30	ng		99
85) Di-n-octyl phthalate	21.956	149	955020	39.28	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.521	276	1066353	44.70	ng		96
88) Benzo(b)fluoranthene	22.697	252	928625	44.55	ng	#	98
89) Benzo(k)fluoranthene	22.739	252	862285	42.70	ng		99
90) Benzo(a)pyrene	23.250	252	792666	41.55	ng	#	98
91) Dibenzo(a,h)anthracene	25.532	278	893694	43.40	ng	#	97
92) Benzo(g,h,i)perylene	26.185	276	894083	46.00	ng		96

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

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