Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028607.D
Acq On : 29 Jan 2021 15:46
Operator : CG/JU
Sample : PB134407BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB134407BSD

Quant Time: Jan 29 18:00:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	25634	20.00	ng		0.00
21) Naphthalene-d8	10.745	136	100258	20.00	ng		# 0.00
39) Acenaphthene-d10	14.586	164	58486	20.00	ng		0.00
64) Phenanthrene-d10	17.321	188	117622	20.00	ng		# 0.00
76) Chrysene-d12	21.468	240	114573	20.00	ng		# 0.00
86) Perylene-d12	23.721	264	114852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	136716	84.25	ng		0.00
7) Phenol-d6	7.116	99	178560	80.82	ng		0.00
23) Nitrobenzene-d5	9.110	82	188297	89.08	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	68368	88.23	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	442089	94.84	ng		0.00
79) Terphenyl-d14	19.921	244	643965	101.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	19727	30.30	ng	#	70
3) Pyridine	3.693	79	60115	33.35	ng	#	56
4) n-Nitrosodimethylamine	3.599	42	36562	35.28	ng	#	65
6) Aniline	7.257	93	61254	25.59	ng		95
8) 2-Chlorophenol	7.498	128	82322	45.63	ng		95
9) Benzaldehyde	7.069	77	38951	33.88	ng		81
10) Phenol	7.145	94	96629	46.40	ng		85
11) bis(2-Chloroethyl)ether	7.357	93	71847	42.79	ng		93
12) 1,3-Dichlorobenzene	7.816	146	86327	40.54	ng	#	92
13) 1,4-Dichlorobenzene	7.969	146	87711	40.74	ng		97
14) 1,2-Dichlorobenzene	8.286	146	84889	41.10	ng		97
15) Benzyl Alcohol	8.186	79	66725	43.34	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.475	45	110342	36.41	ng		72
17) 2-Methylphenol	8.398	107	67393	46.74	ng	#	88
18) Hexachloroethane	9.016	117	32312	39.87	ng		93
19) n-Nitroso-di-n-propyla...	8.751	70	57196	43.47	ng	#	70
20) 3+4-Methylphenols	8.728	107	90432	46.76	ng		90
22) Acetophenone	8.769	105	113071	43.50	ng	#	91
24) Nitrobenzene	9.151	77	84627	41.47	ng	#	85
25) Isophorone	9.675	82	152614	47.12	ng		95
26) 2-Nitrophenol	9.863	139	44486	48.17	ng	#	82
27) 2,4-Dimethylphenol	9.928	122	74595	55.55	ng		89
28) bis(2-Chloroethoxy)met...	10.157	93	96192	42.08	ng		99
29) 2,4-Dichlorophenol	10.404	162	76296	47.62	ng		100
30) 1,2,4-Trichlorobenzene	10.610	180	77897	40.93	ng		100
31) Naphthalene	10.798	128	245106	43.27	ng		100
32) Benzoic acid	10.098	122	56578	46.82	ng	#	83
33) 4-Chloroaniline	10.910	127	47296	20.10	ng	#	91
34) Hexachlorobutadiene	11.069	225	44744	39.41	ng		98
35) Caprolactam	11.710	113	25247	48.69	ng	#	71
36) 4-Chloro-3-methylphenol	12.057	107	81535	48.95	ng		92
37) 2-Methylnaphthalene	12.410	142	176949	45.31	ng		95
38) 1-Methylnaphthalene	12.627	142	165663	44.71	ng		99
40) 1,2,4,5-Tetrachloroben...	12.774	216	83441	43.26	ng		98
41) Hexachlorocyclopentadiene	12.751	237	92365	102.50	ng		99
43) 2,4,6-Trichlorophenol	13.021	196	59792	46.21	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	65078	48.60	ng		98
46) 1,1'-Biphenyl	13.421	154	221970	44.47	ng		99
47) 2-Chloronaphthalene	13.463	162	170394	41.77	ng		97
48) 2-Nitroaniline	13.674	65	53178	41.58	ng	#	84
49) Acenaphthylene	14.310	152	277613	45.87	ng		100
50) Dimethylphthalate	14.045	163	213265	44.36	ng		100
51) 2,6-Dinitrotoluene	14.174	165	48608	47.52	ng	#	82
52) Acenaphthene	14.651	154	165658	44.08	ng		99
53) 3-Nitroaniline	14.498	138	29951	25.97	ng		86
54) 2,4-Dinitrophenol	14.715	184	58999	96.84	ng		89
55) Dibenzofuran	14.986	168	258240	44.68	ng		98
56) 4-Nitrophenol	14.839	139	88271	97.22	ng	#	72
57) 2,4-Dinitrotoluene	14.962	165	66694	48.95	ng		86
58) Fluorene	15.633	166	213243	45.04	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.215	232	57076	48.22	ng		96
60) Diethylphthalate	15.404	149	219054	44.87	ng		98
61) 4-Chlorophenyl-phenyle...	15.621	204	101630	43.57	ng		95
62) 4-Nitroaniline	15.662	138	51967	41.40	ng	#	79
63) Azobenzene	15.915	77	202414	44.17	ng		92
65) 4,6-Dinitro-2-methylph...	15.721	198	38808	53.11	ng		84
66) n-Nitrosodiphenylamine	15.839	169	186781	47.42	ng		97
67) 4-Bromophenyl-phenylether	16.515	248	63126	45.32	ng		98
68) Hexachlorobenzene	16.627	284	71422	44.12	ng		95
69) Atrazine	16.786	200	53597	45.90	ng		98
70) Pentachlorophenol	16.980	266	89338	101.26	ng		99
71) Phenanthrene	17.362	178	327059	45.21	ng		99
72) Anthracene	17.456	178	338372	48.43	ng		99
73) Carbazole	17.727	167	308898	46.62	ng		99
74) Di-n-butylphthalate	18.274	149	379064	47.55	ng		98
75) Fluoranthene	19.362	202	371451	45.72	ng		96
77) Benzidine	19.550	184	140007	54.34	ng		100
78) Pyrene	19.727	202	374410	45.58	ng		99
80) Butylbenzylphthalate	20.609	149	169124	46.69	ng		94
81) Benzo(a)anthracene	21.450	228	350572	44.31	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	72720	28.60	ng	#	98
83) Chrysene	21.503	228	341080	44.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	251269	49.06	ng		96
85) Di-n-octyl phthalate	22.250	149	436088	50.36	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.026	276	399709	46.71	ng	#	89
88) Benzo(b)fluoranthene	23.044	252	364053	46.69	ng	#	96
89) Benzo(k)fluoranthene	23.091	252	344026	45.19	ng	#	96
90) Benzo(a)pyrene	23.627	252	323458	44.77	ng	#	96
91) Dibenzo(a,h)anthracene	26.032	278	338634	47.83	ng	#	94
92) Benzo(g,h,i)perylene	26.732	276	330714	47.49	ng	#	92

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

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