Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
Data File : BM028650.D
Acq On : 04 Feb 2021 12:21
Operator : CG/JU
Sample : PB134446BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB134446BS

Quant Time: Feb 04 12:56:44 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	7.922	152	31874	20.00	ng	-0.01
21) Naphthalene-d8	10.739	136	116324	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	58845	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	105177	20.00	ng	0.00
76) Chrysene-d12	21.456	240	90491	20.00	ng	#-0.01
86) Perylene-d12	23.709	264	86997	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	251765	124.77	ng	-0.02
7) Phenol-d6	7.104	99	308886	112.43	ng	-0.02
23) Nitrobenzene-d5	9.104	82	168087	68.54	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	88013	112.89	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	355406	75.78	ng	-0.01
79) Terphenyl-d14	19.915	244	374889	74.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	32758	40.46	ng	# 68
3) Pyridine	3.687	79	93885	41.89	ng	# 59
4) n-Nitrosodimethylamine	3.599	42	48652	37.75	ng	# 67
6) Aniline	7.251	93	93471	31.40	ng	96
8) 2-Chlorophenol	7.493	128	101923	45.43	ng	93
9) Benzaldehyde	7.057	77	32770	22.92	ng	80
10) Phenol	7.134	94	112746	43.54	ng	83
11) bis(2-Chloroethyl)ether	7.351	93	93445	44.75	ng	94
12) 1,3-Dichlorobenzene	7.810	146	116487	44.00	ng	# 91
13) 1,4-Dichlorobenzene	7.957	146	117004	43.70	ng	98
14) 1,2-Dichlorobenzene	8.281	146	112179	43.68	ng	99
15) Benzyl Alcohol	8.175	79	76214	39.81	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.463	45	139781	37.09	ng	71
17) 2-Methylphenol	8.387	107	76236	42.52	ng	# 87
18) Hexachloroethane	9.004	117	43851	43.51	ng	92
19) n-Nitroso-di-n-propyla...	8.745	70	67291	41.13	ng	# 70
20) 3+4-Methylphenols	8.716	107	100186	41.66	ng	88
22) Acetophenone	8.763	105	137026	45.44	ng	# 91
24) Nitrobenzene	9.145	77	101257	42.77	ng	# 85
25) Isophorone	9.669	82	173547	46.18	ng	95
26) 2-Nitrophenol	9.851	139	52788	49.27	ng	# 80
27) 2,4-Dimethylphenol	9.916	122	81320	52.20	ng	89
28) bis(2-Chloroethoxy)met...	10.151	93	112190	42.30	ng	99
29) 2,4-Dichlorophenol	10.392	162	81378	43.78	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	95481	43.24	ng	99
31) Naphthalene	10.786	128	296160	45.06	ng	100
32) Benzoic acid	10.081	122	54969	39.21	ng	# 80
33) 4-Chloroaniline	10.904	127	68498	25.09	ng	# 90
34) Hexachlorobutadiene	11.063	225	55075	41.81	ng	97
35) Caprolactam	11.710	113	22148	36.81	ng	# 69
36) 4-Chloro-3-methylphenol	12.039	107	78129	40.42	ng	91
37) 2-Methylnaphthalene	12.398	142	199177	43.96	ng	96
38) 1-Methylnaphthalene	12.616	142	184584	42.94	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	94357	48.62	ng	99
41) Hexachlorocyclopentadiene	12.739	237	92909	102.47	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	58575	44.99	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	61878	45.93	ng		97
46) 1,1'-Biphenyl	13.410	154	233978	46.59	ng		99
47) 2-Chloronaphthalene	13.457	162	183070	44.61	ng		99
48) 2-Nitroaniline	13.669	65	48184	37.44	ng	#	83
49) Acenaphthylene	14.304	152	275032	45.16	ng		99
50) Dimethylphthalate	14.039	163	198169	40.96	ng		99
51) 2,6-Dinitrotoluene	14.163	165	44617	43.35	ng	#	84
52) Acenaphthene	14.645	154	166074	43.92	ng		98
53) 3-Nitroaniline	14.492	138	32699	28.18	ng		87
54) 2,4-Dinitrophenol	14.710	184	48142	78.54	ng		88
55) Dibenzofuran	14.980	168	252539	43.43	ng		98
56) 4-Nitrophenol	14.816	139	71717	78.51	ng	#	71
57) 2,4-Dinitrotoluene	14.951	165	58658	42.79	ng		89
58) Fluorene	15.621	166	201900	42.38	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	50233	42.18	ng		95
60) Diethylphthalate	15.398	149	197074	40.13	ng		98
61) 4-Chlorophenyl-phenyle...	15.616	204	96432	41.09	ng		96
62) 4-Nitroaniline	15.657	138	44340	35.10	ng	#	78
63) Azobenzene	15.910	77	186972	40.55	ng		91
65) 4,6-Dinitro-2-methylph...	15.716	198	31553	48.29	ng		83
66) n-Nitrosodiphenylamine	15.833	169	169102	48.01	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	56873	45.66	ng		95
68) Hexachlorobenzene	16.621	284	63461	43.84	ng		98
69) Atrazine	16.780	200	43215	41.39	ng		98
70) Pentachlorophenol	16.968	266	74694	94.68	ng		99
71) Phenanthrene	17.357	178	286837	44.34	ng		99
72) Anthracene	17.445	178	292006	46.74	ng		99
73) Carbazole	17.715	167	258245	43.58	ng		100
74) Di-n-butylphthalate	18.268	149	316476	44.39	ng	#	97
75) Fluoranthene	19.356	202	302504	41.64	ng		97
77) Benzidine	19.539	184	99156	48.73	ng		99
78) Pyrene	19.715	202	307323	47.36	ng		99
80) Butylbenzylphthalate	20.598	149	133000	46.49	ng		96
81) Benzo(a)anthracene	21.445	228	275576	44.10	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	82834	41.25	ng	#	98
83) Chrysene	21.492	228	268830	44.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.362	149	197686	48.87	ng		97
85) Di-n-octyl phthalate	22.239	149	340519	49.79	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.009	276	339568	52.39	ng	#	88
88) Benzo(b)fluoranthene	23.033	252	292439	49.51	ng	#	97
89) Benzo(k)fluoranthene	23.080	252	274685	47.63	ng	#	96
90) Benzo(a)pyrene	23.615	252	258776	47.28	ng	#	95
91) Dibenzo(a,h)anthracene	26.015	278	290312	54.14	ng	#	94
92) Benzo(g,h,i)perylene	26.709	276	289931	54.97	ng	#	91

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

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