Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020321\
Data File : BM028645.D
Acq On : 03 Feb 2021 15:45
Operator : CG/JU
Sample : M1292-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU421-005-0510MSD

Manual Integrations APPROVED
mohammad
2/4/2021 11:13:58 AM

Quant Time: Feb 03 16:30:32 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	7.928	152	29254	20.00	ng		0.00
21) Naphthalene-d8	10.739	136	114991	20.00	ng	#	0.00
39) Acenaphthene-d10	14.580	164	63094	20.00	ng		0.00
64) Phenanthrene-d10	17.315	188	123401	20.00	ng	#	0.00
76) Chrysene-d12	21.462	240	121750	20.00	ng	#	0.00
86) Perylene-d12	23.721	264	124441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	190763	103.01	ng		-0.01
7) Phenol-d6	7.110	99	242673	96.24	ng		-0.01
23) Nitrobenzene-d5	9.104	82	146690	60.50	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	82688	98.91	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	311108	61.86	ng		0.00
79) Terphenyl-d14	19.915	244	364598	54.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	24586	33.09	ng	#	71
3) Pyridine	3.687	79	74010	35.98	ng	#	59
4) n-Nitrosodimethylamine	3.599	42	42159	35.65	ng	#	67
6) Aniline	7.251	93	49232	18.02	ng		98
8) 2-Chlorophenol	7.492	128	95375	46.32	ng		95
9) Benzaldehyde	7.063	77	41314	31.49	ng		80
10) Phenol	7.134	94	114853	48.33	ng		84
11) bis(2-Chloroethyl)ether	7.351	93	86780	45.28	ng		95
12) 1,3-Dichlorobenzene	7.810	146	103410	42.56	ng	#	91
13) 1,4-Dichlorobenzene	7.963	146	104857	42.67	ng		97
14) 1,2-Dichlorobenzene	8.281	146	100561	42.66	ng		98
15) Benzyl Alcohol	8.181	79	75454	42.95	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.469	45	128146	37.05	ng		72
17) 2-Methylphenol	8.387	107	75361	45.79	ng	#	88
18) Hexachloroethane	9.010	117	37446	40.49	ng		91
19) n-Nitroso-di-n-propyla...	8.745	70	63308	42.16	ng	#	68
20) 3+4-Methylphenols	8.722	107	100365	45.48	ng		89
22) Acetophenone	8.763	105	128467	43.09	ng	#	91
24) Nitrobenzene	9.145	77	95054	40.61	ng	#	85
25) Isophorone	9.675	82	168279	45.30	ng		94
26) 2-Nitrophenol	9.857	139	50727	47.89	ng	#	78
27) 2,4-Dimethylphenol	9.922	122	81353	52.82	ng		86
28) bis(2-Chloroethoxy)met...	10.151	93	106827	40.74	ng		98
29) 2,4-Dichlorophenol	10.398	162	82671	44.99	ng		98
30) 1,2,4-Trichlorobenzene	10.604	180	88876	40.72	ng		99
31) Naphthalene	10.792	128	279570	43.03	ng		99
32) Benzoic acid	10.092	122	63409	45.75	ng	#	79
33) 4-Chloroaniline	10.904	127	49508	18.34	ng	#	90
34) Hexachlorobutadiene	11.063	225	51118	39.25	ng		99
35) Caprolactam	11.716	113	25945	43.62	ng	#	66
36) 4-Chloro-3-methylphenol	12.045	107	84643	44.30	ng		92
37) 2-Methylnaphthalene	12.404	142	194840m	43.50	ng		
38) 1-Methylnaphthalene	12.622	142	182111	42.86	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	92188	44.30	ng		99
41) Hexachlorocyclopentadiene	12.739	237	48428	49.81	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	63071	45.18	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.098	196	67591	46.79	ng		95
46)	1,1'-Biphenyl	13.416	154	235888	43.81	ng		99
47)	2-Chloronaphthalene	13.457	162	183378	41.67	ng		98
48)	2-Nitroaniline	13.669	65	54332	39.38	ng		86
49)	Acenaphthylene	14.304	152	288707	44.21	ng		100
50)	Dimethylphthalate	14.045	163	221708	42.74	ng		100
51)	2,6-Dinitrotoluene	14.169	165	48894	44.31	ng	#	83
52)	Acenaphthene	14.645	154	172410	42.53	ng		99
53)	3-Nitroaniline	14.498	138	39422	31.69	ng		84
54)	2,4-Dinitrophenol	14.710	184	36380	55.35	ng		88
55)	Dibenzofuran	14.980	168	266181	42.69	ng		98
56)	4-Nitrophenol	14.821	139	90667	92.57	ng	#	71
57)	2,4-Dinitrotoluene	14.957	165	65508	44.57	ng		88
58)	Fluorene	15.627	166	216097	42.31	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.210	232	57996	45.42	ng		96
60)	Diethylphthalate	15.398	149	214014	40.64	ng		98
61)	4-Chlorophenyl-phenyle...	15.616	204	101801	40.46	ng		94
62)	4-Nitroaniline	15.657	138	51980	38.38	ng	#	79
63)	Azobenzene	15.910	77	203131	41.09	ng		92
65)	4,6-Dinitro-2-methylph...	15.721	198	24817	32.37	ng		88
66)	n-Nitrosodiphenylamine	15.833	169	185837	44.97	ng		98
67)	4-Bromophenyl-phenylether	16.510	248	62375	42.68	ng		96
68)	Hexachlorobenzene	16.627	284	71682	42.21	ng		97
69)	Atrazine	16.780	200	50469	41.20	ng		96
70)	Pentachlorophenol	16.974	266	91529	98.89	ng		99
71)	Phenanthrene	17.362	178	328037	43.22	ng		99
72)	Anthracene	17.451	178	340065	46.39	ng		98
73)	Carbazole	17.721	167	309104	44.46	ng		100
74)	Di-n-butylphthalate	18.268	149	376057	44.96	ng		99
75)	Fluoranthene	19.362	202	377221	44.26	ng		97
77)	Benzidine	19.545	184	62949	22.99	ng		99
78)	Pyrene	19.721	202	384465	44.04	ng		99
80)	Butylbenzylphthalate	20.603	149	171919	44.67	ng		95
81)	Benzo(a)anthracene	21.450	228	365134	43.43	ng		99
82)	3,3'-Dichlorobenzidine	21.380	252	110074	40.74	ng	#	98
83)	Chrysene	21.503	228	350967	43.24	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.368	149	254019	46.67	ng		98
85)	Di-n-octyl phthalate	22.244	149	444889	48.35	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.027	276	421391	45.45	ng	#	89
88)	Benzo(b)fluoranthene	23.044	252	392205	46.42	ng	#	96
89)	Benzo(k)fluoranthene	23.091	252	352795	42.77	ng	#	96
90)	Benzo(a)pyrene	23.627	252	341793	43.66	ng	#	96
91)	Dibenzo(a,h)anthracene	26.032	278	350623	45.71	ng	#	93
92)	Benzo(g,h,i)perylene	26.732	276	360449	47.77	ng	#	91

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

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