Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029697.D
Acq On : 28 Apr 2021 20:23
Operator : CG/JU
Sample : M2187-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-IMS

Manual Integrations APPROVED
mohammad
4/29/2021 5:45:06 PM

Quant Time: Apr 29 01:11:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 17:58:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	66833	20.00	ng		0.00
21) Naphthalene-d8	10.386	136	229427	20.00	ng		0.00
39) Acenaphthene-d10	14.257	164	142266	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	289496	20.00	ng		0.00
76) Chrysene-d12	21.186	240	290124	20.00	ng		0.00
86) Perylene-d12	23.374	264	299128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.210	112	470035	141.00	ng		0.00
7) Phenol-d6	6.793	99	535517	107.55	ng		0.00
23) Nitrobenzene-d5	8.763	82	414193	92.98	ng		0.00
42) 2,4,6-Tribromophenol	15.751	330	304443	154.74	ng		0.00
45) 2-Fluorobiphenyl	12.874	172	1118647	106.72	ng		0.00
79) Terphenyl-d14	19.639	244	1556574	101.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	57487	42.78	ng	#	31
3) Pyridine	3.563	79	96119	28.06	ng		97
4) n-Nitrosodimethylamine	3.463	42	65534	38.99	ng		86
6) Aniline	6.945	93	48637	8.89	ng		97
8) 2-Chlorophenol	7.181	128	188779	45.55	ng		93
9) Benzaldehyde	6.757	77	110965	39.20	ng		94
10) Phenol	6.822	94	193351	40.07	ng		96
11) bis(2-Chloroethyl)ether	7.045	93	163316	44.37	ng		97
12) 1,3-Dichlorobenzene	7.498	146	225308	47.17	ng		96
13) 1,4-Dichlorobenzene	7.645	146	231474	47.33	ng		97
14) 1,2-Dichlorobenzene	7.957	146	220965	45.32	ng		98
15) Benzyl Alcohol	7.857	79	157833	43.63	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.139	45	176123	36.29	ng		99
17) 2-Methylphenol	8.057	107	144805	43.07	ng		95
18) Hexachloroethane	8.675	117	79500	45.01	ng		90
19) n-Nitroso-di-n-propyla...	8.422	70	131666	36.26	ng		89
20) 3+4-Methylphenols	8.386	107	188925	40.85	ng		97
22) Acetophenone	8.434	105	269890	49.07	ng	#	95
24) Nitrobenzene	8.804	77	198841	44.14	ng		94
25) Isophorone	9.334	82	338969	40.49	ng		97
26) 2-Nitrophenol	9.510	139	104117	48.06	ng		93
27) 2,4-Dimethylphenol	9.581	122	160060	53.23	ng		99
28) bis(2-Chloroethoxy)met...	9.816	93	204077	49.34	ng		98
29) 2,4-Dichlorophenol	10.045	162	195883	49.39	ng		97
30) 1,2,4-Trichlorobenzene	10.257	180	232121	50.81	ng		98
31) Naphthalene	10.439	128	564405	47.85	ng		99
32) Benzoic acid	9.733	122	86931	35.27	ng		93
33) 4-Chloroaniline	10.563	127	33301	7.16	ng		98
34) Hexachlorobutadiene	10.722	225	149953	51.56	ng		97
35) Caprolactam	11.345	113	38041m	31.67	ng		
36) 4-Chloro-3-methylphenol	11.692	107	166516	42.96	ng		97
37) 2-Methylnaphthalene	12.057	142	426514	45.16	ng		97
38) 1-Methylnaphthalene	12.280	142	396361	44.02	ng		99
40) 1,2,4,5-Tetrachloroben...	12.433	216	265423	62.22	ng		97
41) Hexachlorocyclopentadiene	12.410	237	296967	124.74	ng		99
43) 2,4,6-Trichlorophenol	12.680	196	168047	57.29	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	179478	55.43	ng		95
46) 1,1'-Biphenyl	13.086	154	570128	54.82	ng		99
47) 2-Chloronaphthalene	13.127	162	450098	54.08	ng		99
48) 2-Nitroaniline	13.339	65	99447	43.07	ng		92
49) Acenaphthylene	13.980	152	680229	53.31	ng		99
50) Dimethylphthalate	13.727	163	576370	53.61	ng		99
51) 2,6-Dinitrotoluene	13.845	165	119310	50.41	ng	#	84
52) Acenaphthene	14.321	154	406234	50.82	ng		98
53) 3-Nitroaniline	14.174	138	38768	19.53	ng		88
54) 2,4-Dinitrophenol	14.386	184	140427	92.36	ng	#	81
55) Dibenzofuran	14.657	168	671100	49.72	ng		97
56) 4-Nitrophenol	14.492	139	155843	89.01	ng		90
57) 2,4-Dinitrotoluene	14.633	165	161366	50.48	ng		90
58) Fluorene	15.310	166	549593	48.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	151805	52.69	ng	#	91
60) Diethylphthalate	15.092	149	498514	47.23	ng		97
61) 4-Chlorophenyl-phenyle...	15.310	204	286087	49.89	ng		97
62) 4-Nitroaniline	15.339	138	92777	39.95	ng		86
63) Azobenzene	15.598	77	420087	41.92	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	89448	46.48	ng		91
66) n-Nitrosodiphenylamine	15.527	169	459791	51.38	ng		99
67) 4-Bromophenyl-phenylether	16.204	248	170274	56.33	ng		94
68) Hexachlorobenzene	16.315	284	192059	55.88	ng		93
69) Atrazine	16.480	200	172089	53.90	ng		100
70) Pentachlorophenol	16.662	266	238720	106.67	ng		96
71) Phenanthrene	17.045	178	832098	49.92	ng		99
72) Anthracene	17.139	178	851570	51.78	ng		99
73) Carbazole	17.409	167	733769	47.63	ng		99
74) Di-n-butylphthalate	17.980	149	802604	47.98	ng		99
75) Fluoranthene	19.062	202	959709	47.48	ng		99
77) Benzidine	19.262	184	179681	29.25	ng		99
78) Pyrene	19.427	202	995814	53.35	ng		99
80) Butylbenzylphthalate	20.339	149	343704	49.19	ng		89
81) Benzo(a)anthracene	21.174	228	926889	48.29	ng		99
82) 3,3'-Dichlorobenzidine	21.109	252	157296	25.65	ng		99
83) Chrysene	21.227	228	936261	49.64	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	492427	43.97	ng		100
85) Di-n-octyl phthalate	21.974	149	829147	44.12	ng		96
87) Indeno(1,2,3-cd)pyrene	25.568	276	1257736	54.38	ng		98
88) Benzo(b)fluoranthene	22.721	252	988337	50.67	ng		99
89) Benzo(k)fluoranthene	22.762	252	922499	47.19	ng		100
90) Benzo(a)pyrene	23.280	252	931982	50.89	ng		98
91) Dibenzo(a,h)anthracene	25.579	278	1054964	52.90	ng		99
92) Benzo(g,h,i)perylene	26.238	276	1063763	57.68	ng		98

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

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