Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029676.D
Acq On : 27 Apr 2021 16:38
Operator : CG/JU
Sample : M2183-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMPMS

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:30 AM

Quant Time: Apr 27 17:17:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	99312	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	349910	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	228059	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	476505	20.00	ng	0.00
76) Chrysene-d12	21.192	240	509241	20.00	ng	0.00
86) Perylene-d12	23.374	264	513371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	519841	104.94	ng	0.00
7) Phenol-d6	6.804	99	649013	87.72	ng	0.00
23) Nitrobenzene-d5	8.769	82	433129	63.75	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	333682	105.80	ng	0.00
45) 2-Fluorobiphenyl	12.874	172	1155320	68.76	ng	-0.01
79) Terphenyl-d14	19.639	244	1620395	60.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	79520	39.82	ng	95
3) Pyridine	3.552	79	197507	38.80	ng	97
4) n-Nitrosodimethylamine	3.469	42	100811	40.36	ng	92
6) Aniline	6.951	93	126008	15.49	ng	95
8) 2-Chlorophenol	7.181	128	266123	43.21	ng	97
9) Benzaldehyde	6.763	77	197510	46.95	ng	97
10) Phenol	6.828	94	346980	48.39	ng	95
11) bis(2-Chloroethyl)ether	7.051	93	226721	41.45	ng	96
12) 1,3-Dichlorobenzene	7.504	146	321519	45.30	ng	97
13) 1,4-Dichlorobenzene	7.645	146	326383	44.91	ng	98
14) 1,2-Dichlorobenzene	7.957	146	314708	43.44	ng	98
15) Benzyl Alcohol	7.857	79	225896	42.02	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.145	45	251807	34.92	ng	99
17) 2-Methylphenol	8.063	107	208503	41.73	ng	97
18) Hexachloroethane	8.681	117	115139	43.87	ng	90
19) n-Nitroso-di-n-propyla...	8.422	70	172984	32.06	ng	92
20) 3+4-Methylphenols	8.392	107	280415	40.80	ng	97
22) Acetophenone	8.434	105	373153	44.48	ng	97
24) Nitrobenzene	8.810	77	275131	40.04	ng	97
25) Isophorone	9.333	82	475903	37.27	ng	98
26) 2-Nitrophenol	9.516	139	148408	45.13	ng	94
27) 2,4-Dimethylphenol	9.581	122	234894	51.22	ng	98
28) bis(2-Chloroethoxy)met...	9.816	93	288823	45.79	ng	100
29) 2,4-Dichlorophenol	10.045	162	285637	47.22	ng	97
30) 1,2,4-Trichlorobenzene	10.257	180	326813	46.91	ng	98
31) Naphthalene	10.439	128	784525	43.61	ng	99
32) Benzoic acid	9.751	122	156672	40.36	ng	94
33) 4-Chloroaniline	10.557	127	67095	9.46	ng	97
34) Hexachlorobutadiene	10.728	225	218492	49.25	ng	96
35) Caprolactam	11.357	113	70625m	38.56	ng	
36) 4-Chloro-3-methylphenol	11.698	107	240809	40.73	ng	96
37) 2-Methylnaphthalene	12.063	142	598532	41.56	ng	98
38) 1-Methylnaphthalene	12.286	142	551590	40.17	ng	100
40) 1,2,4,5-Tetrachloroben...	12.439	216	376692	55.08	ng	98
41) Hexachlorocyclopentadiene	12.416	237	456755	119.68	ng	99
43) 2,4,6-Trichlorophenol	12.686	196	240654	51.18	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	257261	49.56	ng		96
46) 1,1'-Biphenyl	13.086	154	798792	47.91	ng		100
47) 2-Chloronaphthalene	13.127	162	632128	47.38	ng		99
48) 2-Nitroaniline	13.339	65	149800	40.65	ng		93
49) Acenaphthylene	13.980	152	973021	47.57	ng		99
50) Dimethylphthalate	13.727	163	858011	49.78	ng		99
51) 2,6-Dinitrotoluene	13.845	165	169518	44.68	ng		88
52) Acenaphthene	14.321	154	572682	44.69	ng		97
53) 3-Nitroaniline	14.174	138	48321	15.85	ng		90
54) 2,4-Dinitrophenol	14.386	184	169718	70.71	ng	#	83
55) Dibenzofuran	14.663	168	951544	43.98	ng		96
56) 4-Nitrophenol	14.498	139	255290	90.96	ng		95
57) 2,4-Dinitrotoluene	14.639	165	229838	44.85	ng		91
58) Fluorene	15.310	166	796890	43.87	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.892	232	219435	47.52	ng	#	92
60) Diethylphthalate	15.098	149	737543	43.59	ng		98
61) 4-Chlorophenyl-phenyle...	15.310	204	424328	46.16	ng		97
62) 4-Nitroaniline	15.345	138	134632	36.49	ng		89
63) Azobenzene	15.604	77	618089	38.48	ng		93
65) 4,6-Dinitro-2-methylph...	15.404	198	112465	35.51	ng		89
66) n-Nitrosodiphenylamine	15.527	169	668621	45.39	ng		100
67) 4-Bromophenyl-phenylether	16.204	248	246044	49.45	ng		93
68) Hexachlorobenzene	16.315	284	277982	49.14	ng		95
69) Atrazine	16.486	200	253861	48.30	ng		97
70) Pentachlorophenol	16.662	266	359827	97.69	ng		98
71) Phenanthrene	17.045	178	1244822	45.37	ng		100
72) Anthracene	17.139	178	1258667	46.50	ng		99
73) Carbazole	17.409	167	1057812	41.71	ng		99
74) Di-n-butylphthalate	17.980	149	1257966	45.69	ng		99
75) Fluoranthene	19.068	202	1517856	45.62	ng		98
77) Benzidine	19.256	184	680527	63.12	ng		99
78) Pyrene	19.427	202	1567782	47.85	ng		99
80) Butylbenzylphthalate	20.339	149	568549	46.35	ng		90
81) Benzo(a)anthracene	21.174	228	1499494	44.51	ng		99
82) 3,3'-Dichlorobenzidine	21.115	252	306970	28.52	ng	#	98
83) Chrysene	21.227	228	1459112	44.07	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	872659	44.40	ng		99
85) Di-n-octyl phthalate	21.980	149	1484437	45.00	ng		96
87) Indeno(1,2,3-cd)pyrene	25.574	276	1757240	44.27	ng		97
88) Benzo(b)fluoranthene	22.727	252	1520209	45.41	ng		98
89) Benzo(k)fluoranthene	22.768	252	1479465	44.09	ng		99
90) Benzo(a)pyrene	23.286	252	1454684	46.28	ng		99
91) Dibenzo(a,h)anthracene	25.579	278	1476098	43.13	ng		99
92) Benzo(g,h,i)perylene	26.238	276	1423327	44.97	ng		98

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

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