Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004513.D
Acq On : 12 Jan 2021 19:55
Operator : CG/JU
Sample : M1058-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB-2021-WS-000-05MS

Manual Integrations APPROVED
mohammad
1/13/2021 3:14:55 PM

Quant Time: Jan 12 23:31:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	209911	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	786632	20.00	ng	# 0.00
39) Acenaphthene-d10	14.463	164	498359	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1121244	20.00	ng	0.00
76) Chrysene-d12	21.321	240	1198336	20.00	ng	0.00
86) Perylene-d12	23.668	264	1328826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1507921	125.21	ng	0.00
7) Phenol-d6	6.987	99	1759961	106.69	ng	0.00
23) Nitrobenzene-d5	8.969	82	1080813	77.68	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1088884	125.67	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2978121	77.68	ng	0.00
79) Terphenyl-d14	19.786	244	4805517	73.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	177683	36.49	ng	# 40
3) Pyridine	3.734	79	455165	34.89	ng	96
4) n-Nitrosodimethylamine	3.640	42	173364	42.03	ng	86
6) Aniline	7.140	93	201260	10.73	ng	97
8) 2-Chlorophenol	7.381	128	612897	44.81	ng	94
9) Benzaldehyde	6.957	77	90428	10.27	ng	93
10) Phenol	7.010	94	723503	45.75	ng	95
11) bis(2-Chloroethyl)ether	7.240	93	536329	42.37	ng	96
12) 1,3-Dichlorobenzene	7.704	146	673655	39.84	ng	99
13) 1,4-Dichlorobenzene	7.846	146	680144	39.76	ng	98
14) 1,2-Dichlorobenzene	8.163	146	654471	40.06	ng	100
15) Benzyl Alcohol	8.052	79	471682	44.13	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.346	45	516263	38.46	ng	95
17) 2-Methylphenol	8.257	107	489751	43.89	ng	99
18) Hexachloroethane	8.893	117	229090	38.75	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	369460	39.93	ng	93
20) 3+4-Methylphenols	8.587	107	659096	43.28	ng	98
22) Acetophenone	8.634	105	822359	42.35	ng	# 96
24) Nitrobenzene	9.016	77	576638	42.36	ng	91
25) Isophorone	9.534	82	1077679	42.95	ng	95
26) 2-Nitrophenol	9.722	139	332085	44.25	ng	94
27) 2,4-Dimethylphenol	9.787	122	535554	51.53	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	689966	40.08	ng	99
29) 2,4-Dichlorophenol	10.263	162	617759	44.76	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	667187	40.18	ng	98
31) Naphthalene	10.657	128	1819357	42.11	ng	100
32) Benzoic acid	9.934	122	311946	38.33	ng	90
33) 4-Chloroaniline	10.775	127	46118	2.47	ng	96
34) Hexachlorobutadiene	10.945	225	431057	38.63	ng	98
35) Caprolactam	11.545	113	149316m	33.88	ng	
36) 4-Chloro-3-methylphenol	11.904	107	580636	44.18	ng	99
37) 2-Methylnaphthalene	12.275	142	1333156	41.97	ng	99
38) 1-Methylnaphthalene	12.492	142	1241568	41.17	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	772611	43.16	ng	99
41) Hexachlorocyclopentadiene	12.622	237	744451	74.22	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	518054	44.46	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	552701	45.64	ng		98
46) 1,1'-Biphenyl	13.292	154	1709145	42.90	ng		99
47) 2-Chloronaphthalene	13.334	162	1358409	41.20	ng		98
48) 2-Nitroaniline	13.539	65	300502	39.41	ng		86
49) Acenaphthylene	14.181	152	2125051	43.14	ng		100
50) Dimethylphthalate	13.922	163	1774534	42.97	ng		99
51) 2,6-Dinitrotoluene	14.039	165	391932	44.52	ng		94
52) Acenaphthene	14.528	154	1274234	42.43	ng		99
53) 3-Nitroaniline	14.369	138	44167	4.61	ng		87
54) 2,4-Dinitrophenol	14.592	184	389626	66.24	ng		95
55) Dibenzofuran	14.863	168	2104917	43.29	ng		98
56) 4-Nitrophenol	14.692	139	612535	92.08	ng		91
57) 2,4-Dinitrotoluene	14.839	165	538905	44.78	ng		95
58) Fluorene	15.516	166	1701776	43.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	517184	45.50	ng	#	90
60) Diethylphthalate	15.292	149	1708479	42.30	ng		97
61) 4-Chlorophenyl-phenyle...	15.510	204	930974	42.43	ng		92
62) 4-Nitroaniline	15.539	138	317647	31.39	ng		96
63) Azobenzene	15.804	77	1309847	42.84	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	301499	46.16	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1511821	43.49	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	630205	42.05	ng		94
68) Hexachlorobenzene	16.533	284	747015	41.73	ng	#	93
69) Atrazine	16.686	200	498144	40.74	ng		98
70) Pentachlorophenol	16.880	266	818411	101.88	ng		95
71) Phenanthrene	17.269	178	2779607	43.24	ng		100
72) Anthracene	17.357	178	2816805	45.22	ng		100
73) Carbazole	17.627	167	2551486	43.95	ng		99
74) Di-n-butylphthalate	18.180	149	2945576	41.98	ng		99
75) Fluoranthene	19.239	202	3432226	43.88	ng		100
77) Benzidine	19.416	184	663018	21.15	ng		99
78) Pyrene	19.592	202	3489656	42.80	ng		99
80) Butylbenzylphthalate	20.463	149	1335948	40.51	ng		94
81) Benzo(a)anthracene	21.304	228	3487698	42.79	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	384546	13.09	ng		98
83) Chrysene	21.357	228	3376015	43.52	ng		100
84) Bis(2-ethylhexyl)phtha...	21.221	149	1968861	41.81	ng		98
85) Di-n-octyl phthalate	22.133	149	3415700	42.71	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.103	276	4804807	46.86	ng		96
88) Benzo(b)fluoranthene	22.962	252	4032060	46.88	ng		98
89) Benzo(k)fluoranthene	23.010	252	3637644	44.35	ng		98
90) Benzo(a)pyrene	23.568	252	3517632	43.85	ng		98
91) Dibenzo(a,h)anthracene	26.109	278	4020711	47.52	ng		97
92) Benzo(g,h,i)perylene	26.839	276	4049840	48.60	ng		96

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

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