Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024625.D
Acq On : 27 Jan 2020 13:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2020 1:14:48 PM

Quant Time: Jan 28 05:38:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	270008	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1050027	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	768774	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1800507	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1835888	20.00	ng	0.00
87) Perylene-d12	23.16	264	1839507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1205142	84.88	ng	0.00
7) Phenol-d6	6.64	99	1584242	81.00	ng	0.00
23) Nitrobenzene-d5	8.59	82	1695756	79.20	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1184362	94.71	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4977407	88.02	ng	0.00
79) Terphenyl-d14	19.50	244	9276532	94.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	241497	43.000	ng	91
3) Pyridine	3.45	79	637893	39.180	ng	94
4) n-Nitrosodimethylamine	3.37	42	258415	35.758	ng	84
6) Aniline	6.78	93	964823	40.522	ng	95
8) 2-Chlorophenol	7.02	128	691286	42.771	ng	92
9) Benzaldehyde	6.59	77	412837	35.723	ng	89
10) Phenol	6.67	94	781482	40.084	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	631122	40.437	ng	95
12) 1,3-Dichlorobenzene	7.33	146	891396	44.894	ng	97
13) 1,4-Dichlorobenzene	7.47	146	894880	44.426	ng	98
14) 1,2-Dichlorobenzene	7.79	146	854005	43.922	ng	98
15) Benzyl Alcohol	7.69	79	621313	38.529	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	502994	35.204	ng	97
17) 2-Methylphenol	7.89	107	567079	41.276	ng	96
18) Hexachloroethane	8.50	117	325530	41.850	ng	95
19) n-Nitroso-di-n-propylamine	8.26	70	537384	36.595	ng	94
20) 3+4-Methylphenols	8.22	107	775636	40.784	ng	97
22) Acetophenone	8.26	105	1126672	41.612	ng	95
24) Nitrobenzene	8.63	77	812569	39.603	ng	94
25) Isophorone	9.15	82	1447012	39.775	ng	97
26) 2-Nitrophenol	9.33	139	427482	44.994	ng	91
27) 2,4-Dimethylphenol	9.41	122	562843	43.595	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	930816	41.883	ng	98
29) 2,4-Dichlorophenol	9.86	162	817095	46.844	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	996210	47.355	ng	98
31) Naphthalene	10.25	128	2330274	43.939	ng	100
32) Benzoic acid	9.58	122	532922m	45.124	ng	
33) 4-Chloroaniline	10.36	127	1032147	44.401	ng	96
34) Hexachlorobutadiene	10.56	225	689329	47.401	ng	99
35) Caprolactam	11.16	113	244860m	43.755	ng	
36) 4-Chloro-3-methylphenol	11.51	107	782062	42.165	ng	91
37) 2-Methylnaphthalene	11.87	142	1828372	44.674	ng	99
38) 1-Methylnaphthalene	12.10	142	1739012	44.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1235017	45.012	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	716492	46.588	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	787107	45.080	ng		99
44) 2,4,5-Trichlorophenol	12.58	196	809357	45.389	ng		95
46) 1,1'-Biphenyl	12.92	154	2568037	44.140	ng		99
47) 2-Chloronaphthalene	12.95	162	2072426	44.124	ng		97
48) 2-Nitroaniline	13.16	65	532101	37.145	ng	#	84
49) Acenaphthylene	13.81	152	3088543	43.926	ng		100
50) Dimethylphthalate	13.57	163	2746450	44.180	ng		100
51) 2,6-Dinitrotoluene	13.67	165	597718	45.224	ng	#	85
52) Acenaphthene	14.16	154	1907354	43.716	ng		99
53) 3-Nitroaniline	14.00	138	593105	43.267	ng		93
54) 2,4-Dinitrophenol	14.21	184	362119	45.817	ng	#	87
55) Dibenzofuran	14.50	168	3165744	44.490	ng		97
56) 4-Nitrophenol	14.33	139	467283	43.608	ng		87
57) 2,4-Dinitrotoluene	14.47	165	852102	44.985	ng		89
58) Fluorene	15.15	166	2607102	43.599	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	819254	45.305	ng		95
60) Diethylphthalate	14.95	149	2705503	42.869	ng		98
61) 4-Chlorophenyl-phenylether	15.16	204	1498502	43.466	ng		97
62) 4-Nitroaniline	15.17	138	650585	42.996	ng		94
63) Azobenzene	15.45	77	2040490	37.904	ng		93
65) 4,6-Dinitro-2-methylphenol	15.24	198	486712	45.974	ng		86
66) n-Nitrosodiphenylamine	15.37	169	2288657	44.251	ng		100
67) 4-Bromophenyl-phenylether	16.05	248	1027211	45.877	ng		95
68) Hexachlorobenzene	16.16	284	1214704	47.275	ng		96
69) Atrazine	16.34	200	806734	40.636	ng		99
70) Pentachlorophenol	16.50	266	723894	46.252	ng		99
71) Phenanthrene	16.89	178	4323334	44.342	ng		99
72) Anthracene	16.97	178	4255197	44.603	ng		100
73) Carbazole	17.25	167	3856042	44.400	ng		99
74) Di-n-butylphthalate	17.84	149	4709940	42.421	ng		99
75) Fluoranthene	18.91	202	5417802	44.521	ng		98
77) Benzidine	19.10	184	2270380	53.102	ng		99
78) Pyrene	19.27	202	5590344	46.190	ng		100
80) Butylbenzylphthalate	20.22	149	2172611	42.780	ng		93
81) Benzo(a)anthracene	21.04	228	5617052	44.083	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	2096924	45.748	ng		99
83) Chrysene	21.09	228	5352825	44.025	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3130019	41.770	ng		98
85) Di-n-octyl phthalate	21.86	149	5014300	40.503	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5145166	38.825	ng		99
88) Benzo(b)fluoranthene	22.54	252	5440610	45.602	ng		100
89) Benzo(k)fluoranthene	22.59	252	5310438	45.601	ng		99
90) Benzo(a)pyrene	23.08	252	4879055	44.981	ng		100
91) Dibenzo(a,h)anthracene	25.26	278	4282580	41.597	ng		99
92) Benzo(g,h,i)perylene	25.87	276	4011700	42.914	ng		99

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

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