Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024696.D
Acq On : 03 Feb 2020 13:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2020 6:12:15 PM

Quant Time: Feb 04 03:22:24 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	7.42	152	227198	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	834749	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	583015	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1337650	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1364758	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1568704	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	996769	83.43	ng	-0.02
7) Phenol-d6	6.62	99	1259568	76.53	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1257168	73.86	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	834690	88.01	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	3557578	82.96	ng	-0.02
79) Terphenyl-d14	19.49	244	6420954	87.83	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	196553	41.591	ng	91
3) Pyridine	3.44	79	547333	39.952	ng	95
4) n-Nitrosodimethylamine	3.36	42	195983	32.229	ng	81
6) Aniline	6.76	93	742324	37.052	ng	96
8) 2-Chlorophenol	7.00	128	556810	40.942	ng	92
9) Benzaldehyde	6.57	77	340141	34.979	ng	91
10) Phenol	6.65	94	623868	38.029	ng	92
11) bis(2-Chloroethyl)ether	6.87	93	491907	37.456	ng	95
12) 1,3-Dichlorobenzene	7.32	146	713187	42.687	ng	95
13) 1,4-Dichlorobenzene	7.46	146	719178	42.430	ng	98
14) 1,2-Dichlorobenzene	7.77	146	684875	41.860	ng	98
15) Benzyl Alcohol	7.67	79	478518	35.266	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	394212	32.789	ng	100
17) 2-Methylphenol	7.87	107	438088	37.895	ng	95
18) Hexachloroethane	8.49	117	254120	38.826	ng	94
19) n-Nitroso-di-n-propylamine	8.23	70	395631m	32.018	ng	
20) 3+4-Methylphenols	8.20	107	603250	37.696	ng	96
22) Acetophenone	8.24	105	840818	39.064	ng	95
24) Nitrobenzene	8.60	77	604606	37.066	ng	96
25) Isophorone	9.13	82	1039342	35.937	ng	97
26) 2-Nitrophenol	9.31	139	329998	43.691	ng	90
27) 2,4-Dimethylphenol	9.39	122	423079	41.221	ng	94
28) bis(2-Chloroethoxy)methane	9.62	93	687502	38.913	ng	98
29) 2,4-Dichlorophenol	9.84	162	608252	43.864	ng	99
30) 1,2,4-Trichlorobenzene	10.05	180	754580	45.120	ng	99
31) Naphthalene	10.23	128	1754221	41.608	ng	100
32) Benzoic acid	9.55	122	396976m	42.282	ng	
33) 4-Chloroaniline	10.35	127	762746	41.273	ng	95
34) Hexachlorobutadiene	10.53	225	512061	44.293	ng	99
35) Caprolactam	11.13	113	171405m	38.528	ng	
36) 4-Chloro-3-methylphenol	11.49	107	559981	37.978	ng	89
37) 2-Methylnaphthalene	11.86	142	1333827	40.995	ng	98
38) 1-Methylnaphthalene	12.08	142	1270823	41.061	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	896528	43.086	ng	99

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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)
41) Hexachlorocyclopentadiene	12.23	237	435568	37.346	ng		98
43) 2,4,6-Trichlorophenol	12.49	196	564894	42.662	ng		99
44) 2,4,5-Trichlorophenol	12.56	196	578719	42.796	ng		95
46) 1,1'-Biphenyl	12.90	154	1824512	41.352	ng		99
47) 2-Chloronaphthalene	12.93	162	1504513	42.239	ng		97
48) 2-Nitroaniline	13.15	65	369532	34.015	ng	#	84
49) Acenaphthylene	13.79	152	2203024	41.315	ng		99
50) Dimethylphthalate	13.55	163	1903207	40.370	ng		99
51) 2,6-Dinitrotoluene	13.66	165	414124	41.317	ng	#	84
52) Acenaphthene	14.14	154	1356750	41.004	ng		99
53) 3-Nitroaniline	13.99	138	419450	40.348	ng		90
54) 2,4-Dinitrophenol	14.20	184	244280	40.755	ng	#	83
55) Dibenzofuran	14.48	168	2241902	41.546	ng		96
56) 4-Nitrophenol	14.32	139	321820	39.603	ng		85
57) 2,4-Dinitrotoluene	14.45	165	583512	40.620	ng	#	87
58) Fluorene	15.13	166	1810903	39.933	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.72	232	578899	42.214	ng		94
60) Diethylphthalate	14.93	149	1862253	38.909	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	1039600	39.763	ng		97
62) 4-Nitroaniline	15.16	138	450778	39.283	ng		91
63) Azobenzene	15.43	77	1415653	34.675	ng		93
65) 4,6-Dinitro-2-methylphenol	15.22	198	332615	42.290	ng		90
66) n-Nitrosodiphenylamine	15.36	169	1596867	41.559	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	708519	42.593	ng		96
68) Hexachlorobenzene	16.14	284	832349	43.603	ng		96
69) Atrazine	16.32	200	543770	36.868	ng		98
70) Pentachlorophenol	16.49	266	489520	42.100	ng		99
71) Phenanthrene	16.87	178	2986826	41.234	ng		99
72) Anthracene	16.96	178	2920061	41.199	ng		100
73) Carbazole	17.23	167	2664258	41.292	ng		99
74) Di-n-butylphthalate	17.83	149	3219951	39.037	ng		99
75) Fluoranthene	18.90	202	3720419	41.152	ng		99
77) Benzidine	19.09	184	1553122	48.866	ng		99
78) Pyrene	19.26	202	3811883	42.368	ng		99
80) Butylbenzylphthalate	20.20	149	1481653	39.246	ng		91
81) Benzo(a)anthracene	21.03	228	3926327	41.451	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1538337	45.147	ng		99
83) Chrysene	21.07	228	3773197	41.746	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2149418	38.586	ng		98
85) Di-n-octyl phthalate	21.84	149	3625111	39.390	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.21	276	4711991	47.831	ng		99
88) Benzo(b)fluoranthene	22.53	252	4234254	41.617	ng		99
89) Benzo(k)fluoranthene	22.57	252	4008226	40.361	ng		100
90) Benzo(a)pyrene	23.06	252	3857754	41.705	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	3909725	44.532	ng		99
92) Benzo(g,h,i)perylene	25.84	276	3787793	47.513	ng		99

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

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