Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018391.D
Acq On : 27 Dec 2018 11:43
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/28/2018 12:30:19 PM

Quant Time: Dec 27 14:21:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 13:32:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	277686	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	1244664	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	742201	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	1740795	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1994890	20.00	ng	0.00
87) Perylene-d12	23.67	264	2147033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1150010	69.18	ng	0.00
7) Phenol-d6	6.94	99	1625513	70.35	ng	0.00
23) Nitrobenzene-d5	8.95	82	1664434	68.59	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	721444	66.23	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	4187106	73.07	ng	0.00
79) Terphenyl-d14	19.82	244	7281176	82.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	231096	35.095	ng	# 100
3) Pyridine	3.69	79	664863	34.321	ng	100
4) n-Nitrosodimethylamine	3.62	42	268847	40.320	ng	100
6) Aniline	7.12	93	997802	34.426	ng	100
8) 2-Chlorophenol	7.35	128	699089	35.595	ng	100
9) Benzaldehyde	6.93	77	517149	36.721	ng	100
10) Phenol	6.97	94	821237	33.562	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	647606	33.301	ng	100
12) 1,3-Dichlorobenzene	7.67	146	804194	36.668	ng	100
13) 1,4-Dichlorobenzene	7.82	146	817000	36.684	ng	100
14) 1,2-Dichlorobenzene	8.13	146	793286	36.950	ng	100
15) Benzyl Alcohol	8.03	79	628399	33.378	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1015033	58.000	ng	100
17) 2-Methylphenol	8.22	107	579027	35.440	ng	100
18) Hexachloroethane	8.86	117	294079	36.026	ng	100
19) n-Nitroso-di-n-propylamine	8.59	70	606800	35.174	ng	100
20) 3+4-Methylphenols	8.55	107	792214	34.604	ng	100
22) Acetophenone	8.61	105	1199592	36.420	ng	100
24) Nitrobenzene	8.99	77	827036	34.110	ng	100
25) Isophorone	9.51	82	1429388	35.382	ng	100
26) 2-Nitrophenol	9.70	139	315507m	26.531	ng	
27) 2,4-Dimethylphenol	9.75	122	600252	35.023	ng	100
28) bis(2-Chloroethoxy)methane	10.00	93	912189	34.639	ng	100
29) 2,4-Dichlorophenol	10.22	162	690832	36.355	ng	100
30) 1,2,4-Trichlorobenzene	10.44	180	799508	36.989	ng	100
31) Naphthalene	10.63	128	2279656	37.457	ng	100
32) Benzoic acid	9.87	122	318885m	19.649	ng	
33) 4-Chloroaniline	10.75	127	1052548	39.481	ng	100
34) Hexachlorobutadiene	10.90	225	482494	35.295	ng	100
35) Caprolactam	11.53	113	244766m	33.803	ng	
36) 4-Chloro-3-methylphenol	11.86	107	769275	33.691	ng	100
37) 2-Methylnaphthalene	12.24	142	1653949	38.535	ng	100
38) 1-Methylnaphthalene	12.46	142	1611539	38.479	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	891480	34.929	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	443673	48.751	ng		100
43) 2,4,6-Trichlorophenol	12.85	196	531135	32.356	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	555849	31.896	ng		100
46) 1,1'-Biphenyl	13.26	154	2436952	36.497	ng		100
47) 2-Chloronaphthalene	13.30	162	1867697	38.004	ng		100
48) 2-Nitroaniline	13.52	65	507986	33.555	ng		100
49) Acenaphthylene	14.16	152	2855473	38.556	ng		100
50) Dimethylphthalate	13.90	163	2393906	38.796	ng		100
51) 2,6-Dinitrotoluene	14.02	165	500787	36.919	ng		100
52) Acenaphthene	14.50	154	1724030	38.091	ng		100
53) 3-Nitroaniline	14.34	138	555370	38.906	ng		100
54) 2,4-Dinitrophenol	14.54	184	122343	16.350	ng		100
55) Dibenzofuran	14.83	168	2809792	38.636	ng		100
56) 4-Nitrophenol	14.64	139	426604	39.417	ng		100
57) 2,4-Dinitrotoluene	14.80	165	679397	36.235	ng		100
58) Fluorene	15.48	166	2184028	38.883	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	508283	32.385	ng		100
60) Diethylphthalate	15.26	149	2509326	37.683	ng		100
61) 4-Chlorophenyl-phenylether	15.48	204	1205649	37.953	ng		100
62) 4-Nitroaniline	15.51	138	599102	44.231	ng		100
63) Azobenzene	15.77	77	2249743	37.052	ng		100
65) 4,6-Dinitro-2-methylphenol	15.56	198	256150	19.988	ng		100
66) n-Nitrosodiphenylamine	15.70	169	2092785	36.355	ng		100
67) 4-Bromophenyl-phenylether	16.37	248	733276	34.781	ng		100
68) Hexachlorobenzene	16.47	284	814031	35.244	ng		100
69) Atrazine	16.65	200	797593	41.042	ng		100
70) Pentachlorophenol	16.82	266	502014	32.911	ng		100
71) Phenanthrene	17.22	178	3516208	37.186	ng		100
72) Anthracene	17.32	178	3525406	37.582	ng		100
73) Carbazole	17.59	167	3725188	38.690	ng		100
74) Di-n-butylphthalate	18.15	149	4402102	37.055	ng		100
75) Fluoranthene	19.24	202	4237022	38.541	ng		100
77) Benzidine	19.44	184	2483008	49.084	ng		100
78) Pyrene	19.60	202	4460321	37.524	ng		100
80) Butylbenzylphthalate	20.52	149	1822383	32.227	ng		100
81) Benzo(a)anthracene	21.36	228	4496881	38.589	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	1820630	39.107	ng		100
83) Chrysene	21.41	228	4336916	38.693	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	3005453	35.662	ng		100
85) Di-n-octyl phthalate	22.19	149	5059399	36.656	ng		100
86) Indeno(1,2,3-cd)pyrene	26.00	276	5532843	49.554	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	4631738	38.405	ng		100
89) Benzo(k)fluoranthene	23.02	252	4619773	38.463	ng		100
90) Benzo(a)pyrene	23.57	252	4460004	38.882	ng		100
91) Dibenzo(a,h)anthracene	26.03	278	4671702	43.967	ng		100
92) Benzo(g,h,i)perylene	26.72	276	4505350	44.856	ng		100

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

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