Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020513.D
Acq On : 23 May 2019 13:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:33 PM

Quant Time: May 24 02:38:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	40360	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	143766	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	85652	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	216116	20.00	ng		0.00
76) Chrysene-d12	21.29	240	242968	20.00	ng		0.00
87) Perylene-d12	23.53	264	270449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	227108	91.98	ng		0.00
7) Phenol-d6	6.85	99	298420	88.47	ng		0.00
23) Nitrobenzene-d5	8.85	82	312101	85.71	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	141373	106.34	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	644102	92.52	ng		0.00
79) Terphenyl-d14	19.72	244	1230552	88.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	55005	45.422	ng	#	83
3) Pyridine	3.59	79	145026	46.826	ng	#	88
4) n-Nitrosodimethylamine	3.50	42	37281	37.538	ng	#	49
6) Aniline	7.01	93	178276	41.985	ng		95
8) 2-Chlorophenol	7.23	128	119264	44.361	ng		95
9) Benzaldehyde	6.83	77	91088	35.678	ng		92
10) Phenol	6.87	94	158806	43.732	ng		86
11) bis(2-Chloroethyl)ether	7.11	93	117470	44.508	ng		94
12) 1,3-Dichlorobenzene	7.56	146	137643	44.003	ng		92
13) 1,4-Dichlorobenzene	7.71	146	141361	44.735	ng		95
14) 1,2-Dichlorobenzene	8.02	146	134748	44.759	ng		96
15) Benzyl Alcohol	7.92	79	109700	33.727	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	78015	35.647	ng		91
17) 2-Methylphenol	8.12	107	96007	41.071	ng		94
18) Hexachloroethane	8.73	117	54429	41.310	ng		94
19) n-Nitroso-di-n-propylamine	8.48	70	104621	36.252	ng		92
20) 3+4-Methylphenols	8.45	107	125273	40.322	ng		95
22) Acetophenone	8.50	105	169289	43.085	ng	#	93
24) Nitrobenzene	8.89	77	159684	42.294	ng		95
25) Isophorone	9.40	82	266306	42.408	ng		99
26) 2-Nitrophenol	9.59	139	58248	51.101	ng		90
27) 2,4-Dimethylphenol	9.65	122	81050	42.710	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	148998	43.565	ng		98
29) 2,4-Dichlorophenol	10.12	162	111879	46.754	ng		97
30) 1,2,4-Trichlorobenzene	10.33	180	143033	48.578	ng		96
31) Naphthalene	10.52	128	331616	44.449	ng		100
32) Benzoic acid	9.79	122	52980	40.445	ng		94
33) 4-Chloroaniline	10.65	127	120679	39.300	ng		94
34) Hexachlorobutadiene	10.77	225	103475	49.679	ng		96
35) Caprolactam	11.45	113	29690	41.494	ng		96
36) 4-Chloro-3-methylphenol	11.77	107	113449	40.344	ng		93
37) 2-Methylnaphthalene	12.13	142	233735	42.974	ng		97
38) 1-Methylnaphthalene	12.36	142	230454	43.330	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	168291	50.221	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	74470	37.743	ng		97
43) 2,4,6-Trichlorophenol	12.76	196	98018	51.467	ng		99
44) 2,4,5-Trichlorophenol	12.83	196	101672	47.788	ng		95
46) 1,1'-Biphenyl	13.16	154	316983	44.962	ng		99
47) 2-Chloronaphthalene	13.20	162	255784	45.442	ng		97
48) 2-Nitroaniline	13.43	65	67978	33.922	ng		90
49) Acenaphthylene	14.06	152	405375	45.000	ng		98
50) Dimethylphthalate	13.80	163	315418	43.328	ng		98
51) 2,6-Dinitrotoluene	13.93	165	68608	44.746	ng		89
52) Acenaphthene	14.40	154	229347	44.396	ng		99
53) 3-Nitroaniline	14.26	138	55409	38.937	ng		98
54) 2,4-Dinitrophenol	14.49	184	28773	41.969	ng	#	85
55) Dibenzofuran	14.73	168	397188	45.582	ng		96
56) 4-Nitrophenol	14.57	139	44673	36.793	ng	#	85
57) 2,4-Dinitrotoluene	14.72	165	92532	44.413	ng	#	97
58) Fluorene	15.39	166	322235	45.028	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	100205	49.561	ng	#	92
60) Diethylphthalate	15.16	149	308252	42.029	ng		98
61) 4-Chlorophenyl-phenylether	15.38	204	191700	47.277	ng		90
62) 4-Nitroaniline	15.43	138	52152m	33.208	ng		
63) Azobenzene	15.67	77	335254	38.747	ng		96
65) 4,6-Dinitro-2-methylphenol	15.49	198	48712	45.169	ng		88
66) n-Nitrosodiphenylamine	15.60	169	270976	42.611	ng		98
67) 4-Bromophenyl-phenylether	16.27	248	124227	46.876	ng		93
68) Hexachlorobenzene	16.38	284	148023	48.538	ng		94
69) Atrazine	16.56	200	96282	38.742	ng		98
70) Pentachlorophenol	16.74	266	80654	46.223	ng		98
71) Phenanthrene	17.13	178	525907	44.084	ng		99
72) Anthracene	17.22	178	507172	42.521	ng		99
73) Carbazole	17.50	167	451572	41.958	ng		98
74) Di-n-butylphthalate	18.04	149	507887	39.213	ng		99
75) Fluoranthene	19.15	202	687715	45.562	ng		99
77) Benzidine	19.35	184	288711	37.167	ng		99
78) Pyrene	19.52	202	714453	43.798	ng		100
80) Butylbenzylphthalate	20.42	149	230639	38.880	ng		97
81) Benzo(a)anthracene	21.27	228	748264	43.914	ng		99
82) 3,3'-Dichlorobenzidine	21.21	252	264994	40.747	ng		98
83) Chrysene	21.32	228	726096	43.939	ng		100
84) Bis(2-ethylhexyl)phthalate	21.19	149	355327	38.601	ng		96
85) Di-n-octyl phthalate	22.07	149	622605	40.695	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.82	276	914916	46.546	ng	#	100
88) Benzo(b)fluoranthene	22.86	252	760684	42.594	ng		99
89) Benzo(k)fluoranthene	22.90	252	721046m	44.261	ng		
90) Benzo(a)pyrene	23.44	252	703295	43.355	ng		98
91) Dibenzo(a,h)anthracene	25.83	278	759963	45.048	ng		98
92) Benzo(g,h,i)perylene	26.52	276	748926	46.760	ng		96

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

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