Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020168.D
Acq On : 07 May 2019 17:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:20 PM

Quant Time: May 07 18:14:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	111990	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	432334	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	262756	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	612558	20.00	ng		0.00
76) Chrysene-d12	21.37	240	612294	20.00	ng		0.00
87) Perylene-d12	23.66	264	731838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	528108	77.08	ng		0.00
7) Phenol-d6	6.96	99	723209	77.27	ng		0.00
23) Nitrobenzene-d5	8.96	82	838302	76.55	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	333439	81.76	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1637387	76.67	ng		0.00
79) Terphenyl-d14	19.80	244	2654981	75.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	121644	36.201	ng		92
3) Pyridine	3.70	79	347967	40.491	ng		95
4) n-Nitrosodimethylamine	3.62	42	105763	38.379	ng	#	67
6) Aniline	7.12	93	460061	39.047	ng		99
8) 2-Chlorophenol	7.36	128	289253	38.774	ng		99
9) Benzaldehyde	6.94	77	259016	36.563	ng		97
10) Phenol	6.99	94	388455	38.552	ng		92
11) bis(2-Chloroethyl)ether	7.22	93	296872	40.537	ng		95
12) 1,3-Dichlorobenzene	7.67	146	332030	38.254	ng		96
13) 1,4-Dichlorobenzene	7.83	146	335412	38.254	ng		96
14) 1,2-Dichlorobenzene	8.14	146	318217	38.094	ng		96
15) Benzyl Alcohol	8.03	79	339793	37.649	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	213565	35.168	ng		98
17) 2-Methylphenol	8.23	107	248900	38.373	ng		95
18) Hexachloroethane	8.86	117	135000	36.926	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	299256	37.371	ng		95
20) 3+4-Methylphenols	8.56	107	337593	39.161	ng		96
22) Acetophenone	8.62	105	441366	37.354	ng	#	96
24) Nitrobenzene	9.00	77	425555	37.480	ng		97
25) Isophorone	9.52	82	725171	38.401	ng		99
26) 2-Nitrophenol	9.70	139	167769	48.944	ng		92
27) 2,4-Dimethylphenol	9.76	122	229563	40.227	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	404588	39.337	ng		100
29) 2,4-Dichlorophenol	10.23	162	290750	40.404	ng		97
30) 1,2,4-Trichlorobenzene	10.45	180	343669	38.813	ng		98
31) Naphthalene	10.64	128	878238	39.145	ng		99
32) Benzoic acid	9.89	122	179832	44.801	ng		94
33) 4-Chloroaniline	10.75	127	359083	38.886	ng		95
34) Hexachlorobutadiene	10.90	225	237768	37.960	ng		97
35) Caprolactam	11.56	113	94993m	44.148	ng		
36) 4-Chloro-3-methylphenol	11.87	107	333493	39.437	ng		96
37) 2-Methylnaphthalene	12.25	142	638411	39.032	ng		97
38) 1-Methylnaphthalene	12.47	142	613734	38.373	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	402790	39.182	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	206141	34.056	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	253877	43.454	ng		98
44) 2,4,5-Trichlorophenol	12.93	196	268685	41.166	ng		97
46) 1,1'-Biphenyl	13.27	154	827468	38.260	ng		98
47) 2-Chloronaphthalene	13.31	162	661088	38.285	ng		99
48) 2-Nitroaniline	13.53	65	246647	40.121	ng		89
49) Acenaphthylene	14.16	152	1068872	38.678	ng		99
50) Dimethylphthalate	13.89	163	847689	37.958	ng		99
51) 2,6-Dinitrotoluene	14.02	165	184899	39.310	ng		94
52) Acenaphthene	14.50	154	604181	38.125	ng		98
53) 3-Nitroaniline	14.36	138	176749	40.487	ng		93
54) 2,4-Dinitrophenol	14.56	184	86762	41.397	ng		92
55) Dibenzofuran	14.83	168	999079	37.375	ng		98
56) 4-Nitrophenol	14.66	139	141927	38.104	ng		90
57) 2,4-Dinitrotoluene	14.81	165	256978	40.207	ng		97
58) Fluorene	15.49	166	823176	37.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	247075	39.835	ng		97
60) Diethylphthalate	15.26	149	853028	37.913	ng		100
61) 4-Chlorophenyl-phenylether	15.48	204	463077	37.228	ng		93
62) 4-Nitroaniline	15.52	138	184380	38.271	ng		94
63) Azobenzene	15.77	77	931378	35.089	ng		97
65) 4,6-Dinitro-2-methylphenol	15.57	198	132881	43.741	ng		98
66) n-Nitrosodiphenylamine	15.70	169	706291	39.184	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	287856	38.322	ng		94
68) Hexachlorobenzene	16.48	284	329359	38.103	ng		97
69) Atrazine	16.64	200	276007	39.183	ng		100
70) Pentachlorophenol	16.83	266	204529	41.355	ng		99
71) Phenanthrene	17.23	178	1298423	38.399	ng		99
72) Anthracene	17.32	178	1286234	38.046	ng		99
73) Carbazole	17.59	167	1160550	38.044	ng		99
74) Di-n-butylphthalate	18.14	149	1397407	38.065	ng		98
75) Fluoranthene	19.24	202	1592798	37.230	ng		100
77) Benzidine	19.43	184	518555	26.490	ng		97
78) Pyrene	19.61	202	1612332	39.221	ng		99
80) Butylbenzylphthalate	20.50	149	621414	41.568	ng		98
81) Benzo(a)anthracene	21.35	228	1622052	37.775	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	657711	40.132	ng		100
83) Chrysene	21.40	228	1575035	37.821	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	895896	38.621	ng		99
85) Di-n-octyl phthalate	22.16	149	1548764	40.170	ng		98
86) Indeno(1,2,3-cd)pyrene	25.99	276	2113162	42.660	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1761494	36.450	ng		100
89) Benzo(k)fluoranthene	23.01	252	1578258	35.802	ng		100
90) Benzo(a)pyrene	23.56	252	1647061	37.522	ng		99
91) Dibenzo(a,h)anthracene	26.00	278	1789235	39.194	ng		99
92) Benzo(g,h,i)perylene	26.71	276	1720934	39.707	ng		98

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

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