Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019916.D
Acq On : 15 Apr 2019 16:45
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM041519

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:41 PM

Quant Time: Apr 16 03:25:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	124509	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	587623	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	349955	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	759607	20.00	ng		0.00
76) Chrysene-d12	21.18	240	734184	20.00	ng		0.00
87) Perylene-d12	23.38	264	653414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	610982	79.53	ng		0.00
7) Phenol-d6	6.73	99	921486	79.70	ng		0.00
23) Nitrobenzene-d5	8.70	82	1040549	79.19	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	432948	76.86	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2213715	78.83	ng		0.00
79) Terphenyl-d14	19.61	244	3438603	82.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	133483	40.262	ng		99
3) Pyridine	3.52	79	349982	37.695	ng		98
4) n-Nitrosodimethylamine	3.44	42	123531	41.301	ng		100
6) Aniline	6.88	93	590522	39.543	ng		99
8) 2-Chlorophenol	7.10	128	378516	39.613	ng		99
9) Benzaldehyde	6.70	77	279189	41.248	ng		99
10) Phenol	6.75	94	500974	39.657	ng		98
11) bis(2-Chloroethyl)ether	6.98	93	370003	40.032	ng		99
12) 1,3-Dichlorobenzene	7.42	146	400052	39.880	ng		99
13) 1,4-Dichlorobenzene	7.56	146	409899	40.273	ng		99
14) 1,2-Dichlorobenzene	7.87	146	403769	40.010	ng		99
15) Benzyl Alcohol	7.79	79	413576	39.346	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	347581	39.449	ng		100
17) 2-Methylphenol	7.99	107	325959	38.987	ng		99
18) Hexachloroethane	8.57	117	157754	39.874	ng		97
19) n-Nitroso-di-n-propylamine	8.35	70	393088	38.676	ng		99
20) 3+4-Methylphenols	8.32	107	447864	38.995	ng		99
22) Acetophenone	8.37	105	626408	39.138	ng	#	99
24) Nitrobenzene	8.75	77	538256	39.544	ng		99
25) Isophorone	9.26	82	994575	38.884	ng		99
26) 2-Nitrophenol	9.45	139	229365	39.542	ng		99
27) 2,4-Dimethylphenol	9.50	122	324254	39.536	ng		98
28) bis(2-Chloroethoxy)methane	9.75	93	558687	39.007	ng		100
29) 2,4-Dichlorophenol	9.97	162	372143	39.952	ng		97
30) 1,2,4-Trichlorobenzene	10.17	180	395770	39.476	ng		99
31) Naphthalene	10.36	128	1239041	39.312	ng		99
32) Benzoic acid	9.72	122	280198m	37.507	ng		
33) 4-Chloroaniline	10.50	127	510743	39.335	ng		99
34) Hexachlorobutadiene	10.61	225	233304	39.457	ng		99
35) Caprolactam	11.33	113	135606m	38.460	ng		
36) 4-Chloro-3-methylphenol	11.63	107	447278	38.645	ng		99
37) 2-Methylnaphthalene	11.98	142	890383	38.803	ng		99
38) 1-Methylnaphthalene	12.21	142	881578	38.910	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	429008	39.738	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	111490	36.580	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	289050	39.491	ng	99
44) 2,4,5-Trichlorophenol	12.70	196	307221	40.329	ng	97
46) 1,1'-Biphenyl	13.02	154	1199981	39.590	ng	100
47) 2-Chloronaphthalene	13.06	162	916995	39.662	ng	99
48) 2-Nitroaniline	13.30	65	328747	39.448	ng	99
49) Acenaphthylene	13.92	152	1586616	39.441	ng	100
50) Dimethylphthalate	13.67	163	1206508	39.086	ng	99
51) 2,6-Dinitrotoluene	13.81	165	266575	39.054	ng	93
52) Acenaphthene	14.26	154	873106	39.145	ng	98
53) 3-Nitroaniline	14.15	138	267120	39.192	ng	97
54) 2,4-Dinitrophenol	14.38	184	137843	38.135	ng	100
55) Dibenzofuran	14.60	168	1418574	38.893	ng	100
56) 4-Nitrophenol	14.49	139	187164	38.112	ng	97
57) 2,4-Dinitrotoluene	14.62	165	378197	38.545	ng	96
58) Fluorene	15.26	166	1190495	38.520	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.84	232	270479	38.913	ng	99
60) Diethylphthalate	15.04	149	1248711	38.896	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	573539	38.544	ng	95
62) 4-Nitroaniline	15.33	138	261351	38.919	ng	99
63) Azobenzene	15.55	77	1348673	39.305	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	192030	39.622	ng	97
66) n-Nitrosodiphenylamine	15.48	169	987846	39.779	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	345041	39.509	ng	95
68) Hexachlorobenzene	16.26	284	410278	39.152	ng	98
69) Atrazine	16.44	200	341004	40.450	ng	99
70) Pentachlorophenol	16.62	266	205747	38.427	ng	96
71) Phenanthrene	17.00	178	1766490	39.188	ng	98
72) Anthracene	17.10	178	1765594	39.348	ng	100
73) Carbazole	17.39	167	1628476	38.871	ng	100
74) Di-n-butylphthalate	17.93	149	2121564	38.561	ng	100
75) Fluoranthene	19.04	202	1983174	38.229	ng	99
77) Benzidine	19.24	184	779561	38.483	ng	99
78) Pyrene	19.40	202	2011265	41.367	ng	100
80) Butylbenzylphthalate	20.31	149	948160	40.224	ng	99
81) Benzo(a)anthracene	21.16	228	1839114	39.544	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	684459	39.555	ng	98
83) Chrysene	21.22	228	1751814	39.277	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	1355345	38.622	ng	99
85) Di-n-octyl phthalate	21.94	149	2137324	37.536	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1838391	41.899	ng	100
88) Benzo(b)fluoranthene	22.71	252	1694228	39.049	ng	99
89) Benzo(k)fluoranthene	22.76	252	1571902	38.483	ng	100
90) Benzo(a)pyrene	23.28	252	1525044	39.669	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	1544601	41.673	ng	99
92) Benzo(g,h,i)perylene	26.27	276	1419111	42.272	ng	99

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

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