Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113816.D
Acq On : 18 Apr 2019 14:35
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:37 AM

Quant Time: Apr 18 15:00:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181515	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	717877	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	369729	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	720674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	612532	20.00	ng	0.00
87) Perylene-d12	15.51	264	493818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	893322	81.83	ng	0.00
7) Phenol-d6	6.52	99	1123417	82.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	997715	84.63	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344496	84.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1867511	77.03	ng	0.00
79) Terphenyl-d14	13.00	244	2231656	76.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	216607	39.877	ng	99
3) Pyridine	3.45	79	610491	40.847	ng	99
4) n-Nitrosodimethylamine	3.40	42	210735	40.400	ng	99
6) Aniline	6.56	93	779719	40.362	ng	100
8) 2-Chlorophenol	6.68	128	502437	41.010	ng	99
9) Benzaldehyde	6.44	77	325609	41.859	ng	98
10) Phenol	6.53	94	630980	41.346	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	503088	40.609	ng	100
12) 1,3-Dichlorobenzene	6.84	146	557046	40.923	ng	99
13) 1,4-Dichlorobenzene	6.91	146	562642	41.315	ng	97
14) 1,2-Dichlorobenzene	7.07	146	523859	41.741	ng	99
15) Benzyl Alcohol	7.03	79	459151	41.633	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	611569	40.699	ng	100
17) 2-Methylphenol	7.14	107	406426	40.612	ng	99
18) Hexachloroethane	7.42	117	198998	40.746	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	365675	40.242	ng	96
20) 3+4-Methylphenols	7.29	107	504946	41.994	ng	98
22) Acetophenone	7.30	105	666858	40.772	ng	99
24) Nitrobenzene	7.47	77	553188	41.753	ng	99
25) Isophorone	7.72	82	976639	40.013	ng	100
26) 2-Nitrophenol	7.79	139	236097	44.856	ng	91
27) 2,4-Dimethylphenol	7.82	122	411476	40.946	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	625214	40.310	ng	100
29) 2,4-Dichlorophenol	8.03	162	435895	40.709	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	490470	41.237	ng	99
31) Naphthalene	8.20	128	1403214	41.325	ng	100
32) Benzoic acid	7.93	122	274606m	42.095	ng	
33) 4-Chloroaniline	8.24	127	587005	40.750	ng	99
34) Hexachlorobutadiene	8.32	225	298469	41.073	ng	99
35) Caprolactam	8.61	113	138976	40.207	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	434138	40.889	ng	100
37) 2-Methylnaphthalene	8.89	142	921977	40.924	ng	99
38) 1-Methylnaphthalene	8.99	142	895059	40.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	482381	41.112	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261935	40.610	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	307111	40.663	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	339227	41.620	ng		100
46) 1,1'-Biphenyl	9.35	154	1157660	41.378	ng		100
47) 2-Chloronaphthalene	9.38	162	937886	40.950	ng		100
48) 2-Nitroaniline	9.46	65	262153	43.987	ng		98
49) Acenaphthylene	9.79	152	1466122	40.928	ng		100
50) Dimethylphthalate	9.65	163	1060571	40.989	ng		100
51) 2,6-Dinitrotoluene	9.71	165	243207	42.591	ng		99
52) Acenaphthene	9.97	154	867944	41.307	ng		99
53) 3-Nitroaniline	9.87	138	261837	43.303	ng		99
54) 2,4-Dinitrophenol	9.97	184	78798	42.155	ng		82
55) Dibenzofuran	10.14	168	1305776	41.485	ng		100
56) 4-Nitrophenol	10.02	139	215187	43.731	ng		98
57) 2,4-Dinitrotoluene	10.11	165	311553	43.977	ng		97
58) Fluorene	10.48	166	957560	40.782	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	284902	40.963	ng		98
60) Diethylphthalate	10.35	149	1019111	41.097	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	495744	41.230	ng		99
62) 4-Nitroaniline	10.49	138	244285	41.999	ng		100
63) Azobenzene	10.63	77	1043854	40.964	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	120776	41.624	ng		99
66) n-Nitrosodiphenylamine	10.59	169	882691	40.406	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	342799	40.506	ng		98
68) Hexachlorobenzene	11.03	284	377941	40.608	ng		99
69) Atrazine	11.11	200	273152	40.414	ng		99
70) Pentachlorophenol	11.22	266	221748	42.028	ng		97
71) Phenanthrene	11.44	178	1489329	40.576	ng		99
72) Anthracene	11.49	178	1513154	40.910	ng		99
73) Carbazole	11.64	167	1370912	40.823	ng		99
74) Di-n-butylphthalate	11.97	149	1519252	40.649	ng		100
75) Fluoranthene	12.62	202	1610851	41.411	ng		100
77) Benzidine	12.74	184	807127	46.034	ng		98
78) Pyrene	12.85	202	1629182	37.740	ng		99
80) Butylbenzylphthalate	13.47	149	630489	39.427	ng		99
81) Benzo(a)anthracene	14.03	228	1425977	39.825	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	540661	42.484	ng	#	97
83) Chrysene	14.07	228	1433495	40.336	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	768173	40.153	ng	#	98
85) Di-n-octyl phthalate	14.64	149	1282768	43.216	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1076624	37.109	ng		99
88) Benzo(b)fluoranthene	15.09	252	1271386	41.299	ng		99
89) Benzo(k)fluoranthene	15.12	252	1175627	41.929	ng		100
90) Benzo(a)pyrene	15.45	252	1106911	40.664	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	892576	36.852	ng		99
92) Benzo(g,h,i)perylene	17.43	276	873517	35.483	ng		99

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

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