Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107464.D
Acq On : 18 Jul 2018 9:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:09 AM

Quant Time: Jul 19 08:50:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	141286	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	561452	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	314528	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	649351	20.00	ng		0.00
75) Chrysene-d12	14.18	240	532323	20.00	ng		0.00
86) Perylene-d12	15.71	264	429422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	645823	69.42	ng		0.00
7) Phenol-d6	6.61	99	853281	70.94	ng		0.00
23) Nitrobenzene-d5	7.55	82	951236	90.34	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	215681	78.05	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1507125	79.15	ng		0.00
78) Terphenyl-d14	13.11	244	1632034	76.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	147532m	32.123	ng		
3) Pyridine	3.65	79	421705	34.043	ng		92
4) n-Nitrosodimethylamine	3.62	42	182541	35.887	ng	#	97
6) Aniline	6.65	93	585374	36.817	ng	#	88
8) 2-Chlorophenol	6.78	128	351660	37.379	ng		96
9) Benzaldehyde	6.54	77	340405	35.182	ng		95
10) Phenol	6.63	94	486468	37.726	ng		75
11) bis(2-Chloroethyl)ether	6.72	93	377168	35.843	ng		97
12) 1,3-Dichlorobenzene	6.93	146	407277	35.657	ng	#	90
13) 1,4-Dichlorobenzene	7.01	146	404407	35.717	ng	#	89
14) 1,2-Dichlorobenzene	7.16	146	378586	35.736	ng	#	93
15) Benzyl Alcohol	7.12	79	445478	36.881	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.26	45	402685	35.861	ng		82
17) 2-Methylphenol	7.24	107	325981	36.443	ng	#	88
18) Hexachloroethane	7.50	117	164163	38.967	ng	#	87
19) n-Nitroso-di-n-propylamine	7.40	70	314469	36.517	ng	#	96
20) 3+4-Methylphenols	7.39	107	390462	34.363	ng	#	69
22) Acetophenone	7.40	105	516139	33.459	ng	#	85
24) Nitrobenzene	7.57	77	484301	40.930	ng	#	84
25) Isophorone	7.81	82	753087	36.085	ng	#	91
26) 2-Nitrophenol	7.88	139	200308	49.800	ng	#	59
27) 2,4-Dimethylphenol	7.92	122	310926	37.070	ng		88
28) bis(2-Chloroethoxy)methane	8.01	93	463298	35.447	ng		99
29) 2,4-Dichlorophenol	8.12	162	337773	38.698	ng		91
30) 1,2,4-Trichlorobenzene	8.21	180	390584	36.954	ng		94
31) Naphthalene	8.30	128	963080	35.314	ng		96
32) Benzoic acid	8.03	122	181074	35.176	ng		88
33) 4-Chloroaniline	8.34	127	438984	37.168	ng	#	87
34) Hexachlorobutadiene	8.40	225	265561	37.549	ng		98
35) Caprolactam	8.72	113	104713	36.880	ng	#	85
36) 4-Chloro-3-methylphenol	8.82	107	428694	37.589	ng	#	85
37) 2-Methylnaphthalene	8.98	142	662539	36.856	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	425018	34.725	ng		98
40) Hexachlorocyclopentadiene	9.13	237	253455	39.647	ng		95

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42) 2,4,6-Trichlorophenol	9.26	196	290985	38.086	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	282581	38.662	ng		93
45) 1,1'-Biphenyl	9.45	154	946859	34.819	ng		99
46) 2-Chloronaphthalene	9.48	162	748272	34.838	ng		95
47) 2-Nitroaniline	9.57	65	301959	45.940	ng	#	73
48) Acenaphthylene	9.90	152	1065021	35.531	ng		97
49) Dimethylphthalate	9.75	163	934983	37.414	ng		99
50) 2,6-Dinitrotoluene	9.81	165	201241	42.200	ng	#	66
51) Acenaphthene	10.07	154	726658	36.570	ng		98
52) 3-Nitroaniline	9.99	138	205519	41.031	ng	#	73
53) 2,4-Dinitrophenol	10.09	184	103796	54.641	ng	#	25
54) Dibenzofuran	10.24	168	1049140	34.167	ng		93
55) 4-Nitrophenol	10.14	139	160039	39.486	ng	#	63
56) 2,4-Dinitrotoluene	10.22	165	276829	44.537	ng	#	76
57) Fluorene	10.58	166	718473	35.329	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	243560	34.401	ng	#	90
59) Diethylphthalate	10.45	149	878702	36.193	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	446559	36.865	ng		95
61) 4-Nitroaniline	10.61	138	201047	42.177	ng	#	55
62) Azobenzene	10.73	77	978053	34.305	ng		86
64) 4,6-Dinitro-2-methylphenol	10.63	198	181007	51.389	ng		92
65) n-Nitrosodiphenylamine	10.69	169	742481	36.203	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	270050	36.350	ng		89
67) Hexachlorobenzene	11.13	284	253758	36.900	ng	#	90
68) Atrazine	11.22	200	302413	39.021	ng		92
69) Pentachlorophenol	11.32	266	182562	35.923	ng		92
70) Phenanthrene	11.55	178	1148805	35.500	ng		98
71) Anthracene	11.61	178	1164355	36.124	ng		99
72) Carbazole	11.76	167	1089102	35.691	ng		95
73) Di-n-butylphthalate	12.08	149	1356372	38.678	ng	#	98
74) Fluoranthene	12.74	202	1311676	35.662	ng		95
76) Benzidine	12.86	184	683012m	33.061	ng		
77) Pyrene	12.98	202	1363139	37.657	ng		98
79) Butylbenzylphthalate	13.58	149	577551	43.801	ng	#	90
80) Benzo(a)anthracene	14.17	228	1204519	36.982	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	388757	35.589	ng	#	96
82) Chrysene	14.21	228	1109340	35.655	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	752272	39.813	ng		93
84) Di-n-octyl phthalate	14.75	149	1269395	43.217	ng		99
85) Indeno(1,2,3-cd)pyrene	17.30	276	741862	33.498	ng	#	88
87) Benzo(b)fluoranthene	15.25	252	964078	38.356	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	871146	35.515	ng	#	93
89) Benzo(a)pyrene	15.65	252	844752	36.617	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	616458	35.406	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	603365	34.105	ng	#	91

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

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