Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106814.D
Acq On : 26 Jun 2018 11:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 2:13:50 PM

Quant Time: Jun 26 19:32:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56128	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	228298	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	120447	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	240676	20.00	ng		0.00
75) Chrysene-d12	14.15	240	189928	20.00	ng		-0.01
86) Perylene-d12	15.70	264	158063	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	241720	72.92	ng		0.00
7) Phenol-d6	6.61	99	305643	73.84	ng		0.00
23) Nitrobenzene-d5	7.53	82	295560	71.95	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	112515	80.60	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	554441	76.43	ng		0.00
78) Terphenyl-d14	13.08	244	658866	84.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	56423	33.110	ng		97
3) Pyridine	3.61	79	155727	33.695	ng		97
4) n-Nitrosodimethylamine	3.58	42	63155	32.174	ng		82
6) Aniline	6.63	93	205537	36.605	ng		99
8) 2-Chlorophenol	6.75	128	137316	37.770	ng		97
9) Benzaldehyde	6.52	77	95834	32.336	ng		93
10) Phenol	6.62	94	169991	35.984	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	142230	36.470	ng		99
12) 1,3-Dichlorobenzene	6.90	146	164409	38.611	ng		98
13) 1,4-Dichlorobenzene	6.98	146	163415	37.960	ng		98
14) 1,2-Dichlorobenzene	7.13	146	151517	38.404	ng		100
15) Benzyl Alcohol	7.11	79	122541	36.868	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	175142	34.228	ng		72
17) 2-Methylphenol	7.22	107	116921	37.580	ng		95
18) Hexachloroethane	7.47	117	56946	37.616	ng	#	85
19) n-Nitroso-di-n-propylamine	7.37	70	97652	35.789	ng		94
20) 3+4-Methylphenols	7.37	107	133649	38.134	ng	#	67
22) Acetophenone	7.37	105	189275	37.058	ng	#	95
24) Nitrobenzene	7.55	77	147836	35.248	ng		99
25) Isophorone	7.78	82	256919	35.491	ng		99
26) 2-Nitrophenol	7.86	139	77245	39.014	ng		100
27) 2,4-Dimethylphenol	7.90	122	113295	37.021	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	176281	36.269	ng		99
29) 2,4-Dichlorophenol	8.11	162	123916	38.677	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	144159	40.844	ng		98
31) Naphthalene	8.27	128	404165	37.866	ng		99
32) Benzoic acid	8.02	122	68872m	32.977	ng		
33) 4-Chloroaniline	8.32	127	168358	37.592	ng		99
34) Hexachlorobutadiene	8.37	225	96274	41.862	ng		99
35) Caprolactam	8.70	113	39975	38.276	ng		95
36) 4-Chloro-3-methylphenol	8.81	107	129792	38.487	ng		95
37) 2-Methylnaphthalene	8.96	142	288750	40.814	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	155183	38.258	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	88866	42.582	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	92442	34.285	ng		93
43) 2,4,5-Trichlorophenol	9.24	196	92442	32.857	ng		89
45) 1,1'-Biphenyl	9.42	154	361686	37.679	ng		98
46) 2-Chloronaphthalene	9.45	162	262066	34.684	ng		95
47) 2-Nitroaniline	9.55	65	83449	32.844	ng		94
48) Acenaphthylene	9.87	152	419486	35.165	ng		99
49) Dimethylphthalate	9.72	163	320251	35.451	ng		98
50) 2,6-Dinitrotoluene	9.79	165	72503	37.902	ng		90
51) Acenaphthene	10.04	154	260540	34.684	ng		98
52) 3-Nitroaniline	9.97	138	77533	35.222	ng		94
53) 2,4-Dinitrophenol	10.07	184	45673	48.202	ng	#	19
54) Dibenzofuran	10.21	168	390556	37.969	ng		96
55) 4-Nitrophenol	10.14	139	56110	36.518	ng		98
56) 2,4-Dinitrotoluene	10.20	165	96437	38.623	ng		90
57) Fluorene	10.55	166	305254	37.398	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	84091	37.600	ng	#	78
59) Diethylphthalate	10.42	149	303601	34.820	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	164238	38.456	ng	#	86
61) 4-Nitroaniline	10.58	138	77930	35.672	ng		96
62) Azobenzene	10.70	77	275107	32.041	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	57118	38.393	ng	#	64
65) n-Nitrosodiphenylamine	10.67	169	278548	34.409	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	111376	38.775	ng	#	77
67) Hexachlorobenzene	11.11	284	117870	39.208	ng	#	81
68) Atrazine	11.19	200	96850	37.634	ng		96
69) Pentachlorophenol	11.30	266	62626	41.750	ng		99
70) Phenanthrene	11.52	178	442990	38.162	ng		99
71) Anthracene	11.58	178	451707	38.123	ng		100
72) Carbazole	11.73	167	406887	36.679	ng		98
73) Di-n-butylphthalate	12.04	149	463642	35.477	ng		99
74) Fluoranthene	12.72	202	483714	37.806	ng		94
76) Benzidine	12.83	184	191018	35.314	ng		99
77) Pyrene	12.95	202	493458	39.400	ng		100
79) Butylbenzylphthalate	13.55	149	186426	36.203	ng	#	92
80) Benzo(a)anthracene	14.14	228	431399	37.268	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	144288	35.466	ng	#	97
82) Chrysene	14.18	228	397407	37.317	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	222168	33.747	ng	#	96
84) Di-n-octyl phthalate	14.74	149	378487	35.270	ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	335656	37.141	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	360008	36.665	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	349801	37.410	ng	#	95
89) Benzo(a)pyrene	15.64	252	323346	37.044	ng	#	95
90) Dibenzo(a,h)anthracene	17.30	278	283791	38.363	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	282880	39.124	ng	#	91

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

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