Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107175.D
Acq On : 6 Jul 2018 16:20
Operator : JU/SJ
Sample : J3858-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-005-AMSD

Manual Integrations APPROVED
Sohil
7/9/2018 1:58:17 PM

Quant Time: Jul 06 16:49:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62592	20.00	ng		-0.02
21) Naphthalene-d8	8.23	136	248248	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	126628	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	229936	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	163712	20.00	ng		-0.03
86) Perylene-d12	15.67	264	178139	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	363116	98.23	ng		0.00
7) Phenol-d6	6.60	99	457557	99.12	ng		-0.02
23) Nitrobenzene-d5	7.51	82	291535	65.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	142800	97.30	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	516881	65.75	ng		-0.02
78) Terphenyl-d14	13.07	244	487297	72.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	50144	26.386	ng		96
3) Pyridine	3.63	79	143124	27.770	ng		97
4) n-Nitrosodimethylamine	3.59	42	59840	27.337	ng		86
6) Aniline	6.61	93	82788	13.221	ng	#	29
8) 2-Chlorophenol	6.74	128	135375	33.391	ng		95
9) Benzaldehyde	6.50	77	61628	16.775	ng		98
10) Phenol	6.61	94	176274	33.461	ng		89
11) bis(2-Chloroethyl)ether	6.68	93	134686	30.969	ng		98
12) 1,3-Dichlorobenzene	6.88	146	157123	33.089	ng		98
13) 1,4-Dichlorobenzene	6.96	146	159171	33.156	ng		98
14) 1,2-Dichlorobenzene	7.11	146	148261	33.698	ng		99
15) Benzyl Alcohol	7.09	79	116145	31.335	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	188144	32.972	ng	#	25
17) 2-Methylphenol	7.21	107	117196	33.778	ng	#	89
18) Hexachloroethane	7.45	117	51924	30.757	ng	#	82
19) n-Nitroso-di-n-propylamine	7.35	70	94372	31.015	ng		94
20) 3+4-Methylphenols	7.37	107	154905	40.124	ng		98
22) Acetophenone	7.35	105	189837	34.181	ng	#	99
24) Nitrobenzene	7.53	77	147300	32.298	ng		99
25) Isophorone	7.77	82	266228	33.822	ng		98
26) 2-Nitrophenol	7.85	139	75635	35.131	ng		96
27) 2,4-Dimethylphenol	7.88	122	125228	37.632	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	170817	32.320	ng		98
29) 2,4-Dichlorophenol	8.10	162	126125	36.203	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	137422	35.807	ng		97
31) Naphthalene	8.25	128	401381	34.583	ng		99
32) Benzoic acid	7.98	122	10598	9.587	ng		98
33) 4-Chloroaniline	8.30	127	38514	7.908	ng		98
34) Hexachlorobutadiene	8.35	225	87946	35.168	ng		98
35) Caprolactam	8.67	113	37442m	32.970	ng		
36) 4-Chloro-3-methylphenol	8.80	107	126380	34.464	ng		98
37) 2-Methylnaphthalene	8.94	142	291446	37.885	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	150937	35.394	ng	#	95
40) Hexachlorocyclopentadiene	9.08	237	26613	12.130	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	84350	29.757	ng		92
43) 2,4,5-Trichlorophenol	9.28	196	88392	29.884	ng		90
45) 1,1'-Biphenyl	9.41	154	344806	34.168	ng		96
46) 2-Chloronaphthalene	9.44	162	250700	31.560	ng		96
47) 2-Nitroaniline	9.54	65	78867	29.525	ng		94
48) Acenaphthylene	9.85	152	397764	31.716	ng		99
49) Dimethylphthalate	9.70	163	398464	41.956	ng		97
50) 2,6-Dinitrotoluene	9.78	165	68716	34.169	ng		87
51) Acenaphthene	10.02	154	241879	30.628	ng		97
52) 3-Nitroaniline	9.95	138	41712	18.024	ng		96
53) 2,4-Dinitrophenol	10.07	184	21524	24.561	ng	#	19
54) Dibenzofuran	10.20	168	365873	33.833	ng		96
55) 4-Nitrophenol	10.13	139	50682	31.375	ng		87
56) 2,4-Dinitrotoluene	10.19	165	86626	33.000	ng		89
57) Fluorene	10.54	166	289298	33.713	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	75393	32.065	ng	#	74
59) Diethylphthalate	10.40	149	273757	29.865	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	149840	33.372	ng	#	85
61) 4-Nitroaniline	10.57	138	59238	25.792	ng		89
62) Azobenzene	10.69	77	262371	29.066	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	33490	23.562	ng	#	73
65) n-Nitrosodiphenylamine	10.65	169	245886	31.793	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	99076	36.104	ng	#	77
67) Hexachlorobenzene	11.09	284	98349	34.242	ng	#	86
68) Atrazine	11.17	200	86491	35.178	ng		95
69) Pentachlorophenol	11.30	266	40737	28.426	ng		96
70) Phenanthrene	11.51	178	410316	36.998	ng		99
71) Anthracene	11.56	178	399927	35.330	ng		100
72) Carbazole	11.72	167	333982	31.513	ng		98
73) Di-n-butylphthalate	12.02	149	385801	30.900	ng		99
74) Fluoranthene	12.70	202	391217	32.005	ng		96
76) Benzidine	12.82	184	132668	28.454	ng		95
77) Pyrene	12.94	202	373278	34.577	ng		100
79) Butylbenzylphthalate	13.53	149	125778	28.337	ng	#	94
80) Benzo(a)anthracene	14.12	228	343209	34.397	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	84689	24.150	ng	#	97
82) Chrysene	14.17	228	321983	35.076	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	160667	28.313	ng		96
84) Di-n-octyl phthalate	14.71	149	291367	31.499	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	299691	38.471	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	364447	32.934	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	330636	31.376	ng	#	95
89) Benzo(a)pyrene	15.61	252	339712	34.533	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	249088	29.877	ng	#	90
91) Benzo(g,h,i)perylene	17.74	276	236985	29.082	ng	#	89

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

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