Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111760.D
Acq On : 27 Dec 2018 14:16
Operator : JU/SJ
Sample : J6446-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01MSD

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:22 AM

Quant Time: Dec 28 06:15:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146823	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	499466	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	220042	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	382279	20.00	ng		0.01
76) Chrysene-d12	14.07	240	320419	20.00	ng		0.02
87) Perylene-d12	15.56	264	229441	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1061084	123.19	ng		0.04
7) Phenol-d6	6.56	99	1296635	118.28	ng		0.04
23) Nitrobenzene-d5	7.47	82	852756	99.38	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	327527	125.97	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1423917	94.32	ng		0.00
79) Terphenyl-d14	13.02	244	1307857	77.41	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	138432	34.158	ng		93
3) Pyridine	3.65	79	31182	2.953	ng	#	87
4) n-Nitrosodimethylamine	3.45	42	234401	45.363	ng		84
6) Aniline	6.57	93	15416m	1.103	ng		
8) 2-Chlorophenol	6.70	128	402328	42.165	ng		96
9) Benzaldehyde	6.45	77	134964	17.901	ng		99
10) Phenol	6.57	94	518340	41.907	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	384461	41.480	ng		98
12) 1,3-Dichlorobenzene	6.85	146	462621	41.836	ng		99
13) 1,4-Dichlorobenzene	6.92	146	470563	41.960	ng		98
14) 1,2-Dichlorobenzene	7.08	146	437479	41.812	ng		98
15) Benzyl Alcohol	7.05	79	355711	40.857	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	636767	37.303	ng		79
17) 2-Methylphenol	7.17	107	306202	40.077	ng	#	90
18) Hexachloroethane	7.42	117	152632	40.389	ng	#	84
19) n-Nitroso-di-n-propylamine	7.32	70	289713	39.795	ng		99
20) 3+4-Methylphenols	7.32	107	384376	39.815	ng	#	70
22) Acetophenone	7.31	105	546680	43.204	ng		92
24) Nitrobenzene	7.49	77	426275	47.399	ng		100
25) Isophorone	7.73	82	731574	48.025	ng		98
26) 2-Nitrophenol	7.80	139	204374	56.032	ng		96
27) 2,4-Dimethylphenol	7.85	122	323633	45.011	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	464169	45.790	ng		99
29) 2,4-Dichlorophenol	8.05	162	321985	41.634	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	371810	43.144	ng		96
31) Naphthalene	8.21	128	1123116	46.799	ng		97
32) Benzoic acid	7.96	122	130820	27.518	ng		94
33) 4-Chloroaniline	8.26	127	16752	1.615	ng		93
34) Hexachlorobutadiene	8.33	225	229679	43.729	ng		99
35) Caprolactam	8.62	113	57085m	21.784	ng		
36) 4-Chloro-3-methylphenol	8.75	107	297693	39.159	ng		100
37) 2-Methylnaphthalene	8.90	142	722942	46.302	ng		99
38) 1-Methylnaphthalene	9.00	142	670787	44.733	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	347824	48.105	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	201585	57.452 ng		100
43) 2,4,6-Trichlorophenol	9.18	196	218764	45.316 ng		99
44) 2,4,5-Trichlorophenol	9.23	196	216835	43.783 ng		93
46) 1,1'-Biphenyl	9.36	154	863234	46.473 ng		94
47) 2-Chloronaphthalene	9.39	162	655181	44.520 ng		94
48) 2-Nitroaniline	9.48	65	190429	49.739 ng		99
49) Acenaphthylene	9.81	152	980394	45.627 ng		95
50) Dimethylphthalate	9.66	163	912984	56.739 ng		100
51) 2,6-Dinitrotoluene	9.72	165	161655	50.383 ng		93
52) Acenaphthene	9.98	154	636461	48.026 ng		98
53) 3-Nitroaniline	9.89	138	35483	10.369 ng		100
54) 2,4-Dinitrophenol	9.99	184	111695	105.873 ng		99
55) Dibenzofuran	10.15	168	872591	43.582 ng		97
56) 4-Nitrophenol	10.07	139	225614	86.395 ng		90
57) 2,4-Dinitrotoluene	10.12	165	209726	54.386 ng	#	96
58) Fluorene	10.49	166	673750	46.699 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	186733	44.803 ng		90
60) Diethylphthalate	10.36	149	715787	45.348 ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	342535	42.973 ng		96
62) 4-Nitroaniline	10.50	138	49586	14.909 ng		95
63) Azobenzene	10.64	77	639238	40.340 ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	76969	48.617 ng		77
66) n-Nitrosodiphenylamine	10.60	169	551638	42.988 ng		97
67) 4-Bromophenyl-phenylether	10.97	248	208266	43.924 ng	#	90
68) Hexachlorobenzene	11.05	284	234579	44.372 ng		95
69) Atrazine	11.13	200	179006	40.154 ng		91
70) Pentachlorophenol	11.24	266	236640	72.405 ng		97
71) Phenanthrene	11.46	178	933822	46.061 ng		94
72) Anthracene	11.51	178	949466	46.658 ng		95
73) Carbazole	11.66	167	803884	40.689 ng		96
74) Di-n-butylphthalate	11.99	149	1035445	46.744 ng		97
75) Fluoranthene	12.64	202	966919	47.098 ng		94
77) Benzidine	12.74	184	8270m	0.686 ng		
78) Pyrene	12.87	202	974411	43.064 ng		96
80) Butylbenzylphthalate	13.49	149	433045	46.951 ng		93
81) Benzo(a)anthracene	14.06	228	848824	46.419 ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	3014	0.417 ng	#	47
83) Chrysene	14.10	228	791164	44.021 ng		96
84) Bis(2-ethylhexyl)phthalate	14.05	149	609997	52.505 ng	#	98
85) Di-n-octyl phthalate	14.66	149	921427	51.190 ng		99
86) Indeno(1,2,3-cd)pyrene	17.08	276	550842	36.053 ng	#	87
88) Benzo(b)fluoranthene	15.13	252	646606	48.220 ng	#	96
89) Benzo(k)fluoranthene	15.16	252	625291	48.980 ng	#	96
90) Benzo(a)pyrene	15.50	252	566968	46.539 ng	#	94
91) Dibenzo(a,h)anthracene	17.10	278	468132	43.882 ng	#	91
92) Benzo(g,h,i)perylene	17.54	276	457352	43.904 ng	#	86

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

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