Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107359.D
Acq On : 13 Jul 2018 11:44
Operator : JU/SJ
Sample : J3933-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-4-7MSD

Manual Integrations APPROVED
Sohil
7/16/2018 3:22:04 PM

Quant Time: Jul 13 13:42:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53471	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	193746	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	89597	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	152974	20.00	ng		0.00
75) Chrysene-d12	14.14	240	156028	20.00	ng		0.00
86) Perylene-d12	15.68	264	141305	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	456717	144.63	ng		0.01
7) Phenol-d6	6.59	99	554887	140.71	ng		0.01
23) Nitrobenzene-d5	7.50	82	363326	104.22	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	143104	137.80	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	552629	108.47	ng		0.00
78) Terphenyl-d14	13.06	244	606221	94.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	54173	33.369	ng		96
3) Pyridine	3.59	79	164625	37.390	ng		98
4) n-Nitrosodimethylamine	3.55	42	68793	36.787	ng		82
6) Aniline	6.60	93	162314	30.344	ng	#	15
8) 2-Chlorophenol	6.73	128	150010	43.312	ng		96
9) Benzaldehyde	6.49	77	94378	33.783	ng		97
10) Phenol	6.60	94	193518	43.000	ng		76
11) bis(2-Chloroethyl)ether	6.67	93	154664	41.629	ng		100
12) 1,3-Dichlorobenzene	6.87	146	177719	43.811	ng		96
13) 1,4-Dichlorobenzene	6.95	146	177951	43.391	ng		98
14) 1,2-Dichlorobenzene	7.10	146	164539	43.777	ng		97
15) Benzyl Alcohol	7.08	79	121967	38.519	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	211053	43.296	ng	#	17
17) 2-Methylphenol	7.20	107	127578	43.043	ng	#	87
18) Hexachloroethane	7.44	117	57726	40.026	ng	#	81
19) n-Nitroso-di-n-propylamine	7.34	70	104894	40.353	ng		93
20) 3+4-Methylphenols	7.35	107	166006	55.464	ng		97
22) Acetophenone	7.34	105	211548	48.805	ng	#	97
24) Nitrobenzene	7.52	77	164066	46.094	ng		98
25) Isophorone	7.75	82	294924	48.007	ng		97
26) 2-Nitrophenol	7.84	139	85148	50.675	ng		94
27) 2,4-Dimethylphenol	7.87	122	136268	52.469	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	191258	46.368	ng		98
29) 2,4-Dichlorophenol	8.09	162	137384	50.527	ng		94
30) 1,2,4-Trichlorobenzene	8.15	180	149345	49.860	ng		97
31) Naphthalene	8.24	128	430354	47.510	ng		100
32) Benzoic acid	7.99	122	13333	11.946	ng		96
33) 4-Chloroaniline	8.30	127	104081	27.384	ng		99
34) Hexachlorobutadiene	8.34	225	98816	50.630	ng		99
35) Caprolactam	8.68	113	37446m	42.249	ng		
36) 4-Chloro-3-methylphenol	8.79	107	128476	44.891	ng		99
37) 2-Methylnaphthalene	8.93	142	304665	50.744	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	157013	52.037	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	11238	7.239	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	83289	41.527	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	77068	36.824	ng	#	88
45) 1,1'-Biphenyl	9.40	154	355196	49.744	ng		98
46) 2-Chloronaphthalene	9.42	162	254400	45.262	ng		96
47) 2-Nitroaniline	9.53	65	76186	40.310	ng		96
48) Acenaphthylene	9.84	152	392830	44.269	ng		99
49) Dimethylphthalate	9.70	163	378756	56.363	ng		98
50) 2,6-Dinitrotoluene	9.77	165	65958	46.353	ng		86
51) Acenaphthene	10.01	154	236217	42.273	ng		98
52) 3-Nitroaniline	9.95	138	48919	29.875	ng		92
53) 2,4-Dinitrophenol	10.08	184	9651	17.525	ng	#	17
54) Dibenzofuran	10.18	168	338371	44.223	ng		97
55) 4-Nitrophenol	10.14	139	35097	30.707	ng		94
56) 2,4-Dinitrotoluene	10.18	165	74808	40.277	ng		94
57) Fluorene	10.53	166	272203	44.831	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	58654	35.256	ng	#	78
59) Diethylphthalate	10.39	149	272784	42.058	ng		95
60) 4-Chlorophenyl-phenylether	10.51	204	142891	44.978	ng	#	88
61) 4-Nitroaniline	10.57	138	51416	31.639	ng		96
62) Azobenzene	10.68	77	249063	38.996	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	16971	17.947	ng		78
65) n-Nitrosodiphenylamine	10.64	169	232176	45.124	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	91630	50.190	ng	#	80
67) Hexachlorobenzene	11.08	284	92898	48.617	ng	#	84
68) Atrazine	11.17	200	76702	46.892	ng		96
69) Pentachlorophenol	11.29	266	37667m	39.507	ng		
70) Phenanthrene	11.50	178	458852	62.190	ng		99
71) Anthracene	11.55	178	394080	52.328	ng		100
72) Carbazole	11.71	167	338189	47.964	ng		98
73) Di-n-butylphthalate	12.02	149	379181	45.648	ng		99
74) Fluoranthene	12.70	202	659140	81.052	ng		96
76) Benzidine	12.82	184	107019	24.084	ng		97
77) Pyrene	12.94	202	694669	67.516	ng		100
79) Butylbenzylphthalate	13.52	149	169915	40.166	ng	#	97
80) Benzo(a)anthracene	14.13	228	640673	67.372	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	123960	37.089	ng	#	97
82) Chrysene	14.17	228	563206	64.376	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	228826	42.310	ng	#	97
84) Di-n-octyl phthalate	14.70	149	422090	47.879	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	395193	53.229	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	624004	71.089	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	473645	56.662	ng	#	95
89) Benzo(a)pyrene	15.62	252	520236m	66.669	ng		
90) Dibenzo(a,h)anthracene	17.28	278	277936m	42.028	ng		
91) Benzo(g,h,i)perylene	17.76	276	335621	51.923	ng	#	89

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

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