Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107358.D
Acq On : 13 Jul 2018 11:18
Operator : JU/SJ
Sample : J3933-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-4-7MS

Manual Integrations APPROVED
Sohil
7/16/2018 3:22:01 PM

Quant Time: Jul 13 13:33:26 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	55580	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	199642	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	92135	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	158630	20.00	ng		0.00
75) Chrysene-d12	14.14	240	166782	20.00	ng		0.00
86) Perylene-d12	15.68	264	160991	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	433304	132.01	ng		0.01
7) Phenol-d6	6.58	99	530637	129.46	ng		0.00
23) Nitrobenzene-d5	7.50	82	339443	94.49	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	134451	125.91	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	540548	102.31	ng		0.00
78) Terphenyl-d14	13.06	244	618331	89.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	48582	28.790	ng		99
3) Pyridine	3.59	79	143768	31.414	ng		99
4) n-Nitrosodimethylamine	3.55	42	61641	31.712	ng		87
6) Aniline	6.60	93	147512	26.530	ng	#	46
8) 2-Chlorophenol	6.72	128	135939	37.760	ng		99
9) Benzaldehyde	6.49	77	84118	27.737	ng		96
10) Phenol	6.60	94	178058	38.064	ng		76
11) bis(2-Chloroethyl)ether	6.67	93	138302	35.812	ng		99
12) 1,3-Dichlorobenzene	6.87	146	158839	37.671	ng		97
13) 1,4-Dichlorobenzene	6.95	146	159036	37.307	ng		97
14) 1,2-Dichlorobenzene	7.10	146	148351	37.973	ng		96
15) Benzyl Alcohol	7.08	79	110408	33.545	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	191655	37.825	ng	#	14
17) 2-Methylphenol	7.20	107	116319	37.755	ng	#	89
18) Hexachloroethane	7.44	117	53909	35.961	ng	#	84
19) n-Nitroso-di-n-propylamine	7.34	70	94648	35.030	ng		94
20) 3+4-Methylphenols	7.35	107	151362	45.715	ng	#	80
22) Acetophenone	7.34	105	192487	43.096	ng	#	98
24) Nitrobenzene	7.52	77	146647	39.984	ng		98
25) Isophorone	7.75	82	264575	41.795	ng		98
26) 2-Nitrophenol	7.84	139	76210	44.016	ng		93
27) 2,4-Dimethylphenol	7.87	122	122908	45.927	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	172826	40.662	ng		98
29) 2,4-Dichlorophenol	8.08	162	121303	43.296	ng		93
30) 1,2,4-Trichlorobenzene	8.15	180	136707	44.293	ng		98
31) Naphthalene	8.24	128	388278	41.599	ng		100
32) Benzoic acid	7.98	122	8066	9.380	ng		94
33) 4-Chloroaniline	8.29	127	94452	24.117	ng		99
34) Hexachlorobutadiene	8.34	225	87789	43.652	ng		99
35) Caprolactam	8.67	113	33799	37.008	ng		98
36) 4-Chloro-3-methylphenol	8.79	107	115296	39.096	ng		97
37) 2-Methylnaphthalene	8.93	142	273711	44.242	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	141493	45.601	ng	#	95
40) Hexachlorocyclopentadiene	9.07	237	11022	6.904	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	75295	36.507 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	71665	33.299 ng	#	87
45) 1,1'-Biphenyl	9.40	154	323995	44.125 ng		97
46) 2-Chloronaphthalene	9.42	162	232234	40.180 ng		95
47) 2-Nitroaniline	9.53	65	69403	35.709 ng		97
48) Acenaphthylene	9.84	152	354519	38.851 ng		99
49) Dimethylphthalate	9.69	163	343330	49.684 ng		98
50) 2,6-Dinitrotoluene	9.77	165	58590	40.041 ng	#	82
51) Acenaphthene	10.01	154	210699	36.668 ng		97
52) 3-Nitroaniline	9.94	138	43897	26.070 ng		100
53) 2,4-Dinitrophenol	10.08	184	8693	16.015 ng	#	17
54) Dibenzofuran	10.18	168	312052	39.659 ng		96
55) 4-Nitrophenol	10.14	139	27479	23.380 ng		99
56) 2,4-Dinitrotoluene	10.18	165	68403	35.814 ng		93
57) Fluorene	10.53	166	244163	39.105 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	57993	33.899 ng	#	72
59) Diethylphthalate	10.39	149	243128	36.453 ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	132845	40.664 ng	#	85
61) 4-Nitroaniline	10.57	138	45996	27.524 ng		92
62) Azobenzene	10.68	77	226309	34.457 ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	16045	16.363 ng		74
65) n-Nitrosodiphenylamine	10.64	169	210037	39.365 ng		99
66) 4-Bromophenyl-phenylether	11.01	248	83389	44.047 ng	#	79
67) Hexachlorobenzene	11.08	284	83895	42.340 ng	#	82
68) Atrazine	11.17	200	70546	41.591 ng		95
69) Pentachlorophenol	11.29	266	31303m	31.662 ng		
70) Phenanthrene	11.50	178	369712	48.322 ng		99
71) Anthracene	11.55	178	353571	45.275 ng		99
72) Carbazole	11.71	167	306457	41.914 ng		98
73) Di-n-butylphthalate	12.02	149	344663	40.013 ng		98
74) Fluoranthene	12.70	202	519219	61.570 ng		95
76) Benzidine	12.82	184	107516	22.635 ng		97
77) Pyrene	12.93	202	542785	49.353 ng		99
79) Butylbenzylphthalate	13.52	149	154121	34.083 ng	#	94
80) Benzo(a)anthracene	14.12	228	518239	50.983 ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	116457	32.598 ng	#	95
82) Chrysene	14.17	228	473078	50.588 ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	210390	36.393 ng	#	93
84) Di-n-octyl phthalate	14.70	149	393482	41.756 ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	344044	43.352 ng	#	89
87) Benzo(b)fluoranthene	15.22	252	535563	53.553 ng	#	97
88) Benzo(k)fluoranthene	15.25	252	396395m	41.622 ng		
89) Benzo(a)pyrene	15.62	252	442142m	49.733 ng		
90) Dibenzo(a,h)anthracene	17.28	278	260112m	34.523 ng		
91) Benzo(g,h,i)perylene	17.76	276	283983	38.562 ng	#	91

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

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