Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107413.D
Acq On : 16 Jul 2018 20:12
Operator : JU/SJ
Sample : J3976-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-033MS

Manual Integrations APPROVED
Sohil
7/17/2018 4:53:00 PM

Quant Time: Jul 17 01:36:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	152555	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	576136	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	284394	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	510767	20.00	ng		0.00
75) Chrysene-d12	14.16	240	444651	20.00	ng		0.00
86) Perylene-d12	15.69	264	478686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	246882	24.58	ng		0.00
7) Phenol-d6	6.58	99	385009	29.65	ng		-0.01
23) Nitrobenzene-d5	7.54	82	262564	24.30	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	163294	65.35	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	648682	31.17	ng		0.00
78) Terphenyl-d14	13.09	244	917492	51.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	31811	6.415	ng	#	88
3) Pyridine	3.62	79	72830	5.445	ng	#	84
4) n-Nitrosodimethylamine	3.55	42	43524	7.925	ng	#	98
6) Aniline	6.64	93	131698	7.671	ng		98
8) 2-Chlorophenol	6.76	128	94090	9.262	ng		96
9) Benzaldehyde	6.53	77	45456	4.351	ng		95
10) Phenol	6.60	94	156588	11.247	ng		85
11) bis(2-Chloroethyl)ether	6.71	93	102519	9.023	ng		88
12) 1,3-Dichlorobenzene	6.92	146	96998	7.865	ng	#	89
13) 1,4-Dichlorobenzene	7.00	146	91221	7.461	ng	#	82
14) 1,2-Dichlorobenzene	7.15	146	85699	7.492	ng	#	83
15) Benzyl Alcohol	7.11	79	136494	10.465	ng		86
16) 2,2'-oxybis(1-Chloropropan	7.24	45	112602	9.287	ng		85
17) 2-Methylphenol	7.21	107	106496	11.026	ng	#	88
18) Hexachloroethane	7.49	117	32938	7.241	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	113813	12.240	ng		92
20) 3+4-Methylphenols	7.37	107	141743	11.553	ng		93
22) Acetophenone	7.38	105	196088	12.387	ng	#	90
24) Nitrobenzene	7.55	77	135971	11.198	ng		90
25) Isophorone	7.79	82	330802	15.447	ng	#	87
26) 2-Nitrophenol	7.87	139	53797	13.034	ng	#	78
27) 2,4-Dimethylphenol	7.90	122	126125	14.654	ng		88
28) bis(2-Chloroethoxy)methane	8.00	93	177303	13.220	ng	#	97
29) 2,4-Dichlorophenol	8.11	162	112749	12.588	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	113325	10.449	ng	#	85
31) Naphthalene	8.28	128	320113	11.439	ng		98
32) Benzoic acid	7.97	122	59684m	11.299	ng		
33) 4-Chloroaniline	8.32	127	133091	10.981	ng	#	86
34) Hexachlorobutadiene	8.40	225	70691	9.741	ng		94
35) Caprolactam	8.67	113	52984	18.186	ng	#	65
36) 4-Chloro-3-methylphenol	8.80	107	217172	18.557	ng	#	82
37) 2-Methylnaphthalene	8.97	142	274043	14.856	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	169947	15.356	ng		97
40) Hexachlorocyclopentadiene	9.12	237	135711	23.478	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	135115	19.558	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	154256	23.341	ng		94
45) 1,1'-Biphenyl	9.44	154	405667	16.498	ng		96
46) 2-Chloronaphthalene	9.47	162	329940	16.989	ng		96
47) 2-Nitroaniline	9.55	65	140979	23.721	ng	#	74
48) Acenaphthylene	9.88	152	560554	20.683	ng		94
49) Dimethylphthalate	9.74	163	673813	29.820	ng	#	98
50) 2,6-Dinitrotoluene	9.80	165	106878	24.787	ng	#	68
51) Acenaphthene	10.05	154	403978	22.485	ng		99
52) 3-Nitroaniline	9.97	138	77610	17.136	ng	#	71
53) 2,4-Dinitrophenol	10.07	184	87008	51.932	ng	#	27
54) Dibenzofuran	10.22	168	553111	19.922	ng		96
55) 4-Nitrophenol	10.11	139	157961	43.102	ng	#	55
56) 2,4-Dinitrotoluene	10.20	165	142906	25.427	ng	#	87
57) Fluorene	10.57	166	425636	23.147	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	147987	23.117	ng	#	86
59) Diethylphthalate	10.44	149	530690	24.175	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	245910	22.452	ng		96
61) 4-Nitroaniline	10.58	138	92673	21.501	ng	#	54
62) Azobenzene	10.72	77	555491	21.548	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	73143	30.042	ng		88
65) n-Nitrosodiphenylamine	10.68	169	429651	26.634	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	149722	25.621	ng		99
67) Hexachlorobenzene	11.12	284	133003	24.588	ng	#	84
68) Atrazine	11.20	200	154961	25.420	ng		96
69) Pentachlorophenol	11.31	266	166701	41.702	ng		93
70) Phenanthrene	11.54	178	655579	25.755	ng		97
71) Anthracene	11.59	178	687969	27.135	ng		99
72) Carbazole	11.74	167	571018	23.790	ng		94
73) Di-n-butylphthalate	12.07	149	785744	28.485	ng	#	96
74) Fluoranthene	12.73	202	734302	25.381	ng		92
76) Benzidine	12.84	184	166116	9.626	ng		95
77) Pyrene	12.96	202	716698	23.703	ng		99
79) Butylbenzylphthalate	13.57	149	316298	28.718	ng	#	89
80) Benzo(a)anthracene	14.15	228	711374	26.147	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	191168	20.951	ng	#	93
82) Chrysene	14.18	228	719246	27.675	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	571266	36.195	ng		95
84) Di-n-octyl phthalate	14.75	149	819798	33.413	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	750407	40.564	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	714930	25.517	ng	#	97
88) Benzo(k)fluoranthene	15.27	252	678428	24.811	ng	#	95
89) Benzo(a)pyrene	15.62	252	690938	26.868	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	610063	31.433	ng	#	92
91) Benzo(g,h,i)perylene	17.73	276	624672	31.675	ng		92

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

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