Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107475.D
Acq On : 18 Jul 2018 14:14
Operator : JU/SJ
Sample : J3906-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MS

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:32 AM

Quant Time: Jul 18 16:42:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	160588	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	609120	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	341868	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	689517	20.00	ng		0.00
75) Chrysene-d12	14.18	240	385565	20.00	ng		0.00
86) Perylene-d12	15.71	264	389743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1053486	99.63	ng		0.01
7) Phenol-d6	6.62	99	1451544	106.18	ng		0.01
23) Nitrobenzene-d5	7.55	82	1098359	96.15	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	302735	100.79	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1815220	89.05	ng		0.00
78) Terphenyl-d14	13.11	244	1643801	105.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	134697	25.803	ng		89
3) Pyridine	3.69	79	385686	27.393	ng		91
4) n-Nitrosodimethylamine	3.65	42	229179	39.640	ng	#	80
6) Aniline	6.66	93	293748	16.255	ng	#	87
8) 2-Chlorophenol	6.78	128	409280	38.275	ng		92
9) Benzaldehyde	6.54	77	220040	20.009	ng		90
10) Phenol	6.64	94	567356	38.711	ng	#	58
11) bis(2-Chloroethyl)ether	6.72	93	421737	35.261	ng		97
12) 1,3-Dichlorobenzene	6.93	146	464060	35.745	ng	#	87
13) 1,4-Dichlorobenzene	7.01	146	455200	35.371	ng	#	93
14) 1,2-Dichlorobenzene	7.16	146	419793	34.862	ng		96
15) Benzyl Alcohol	7.13	79	530286	38.625	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.25	45	460502	36.081	ng		81
17) 2-Methylphenol	7.24	107	401789	39.519	ng	#	83
18) Hexachloroethane	7.50	117	172949	36.118	ng	#	84
19) n-Nitroso-di-n-propylamine	7.40	70	370202	37.821	ng	#	97
20) 3+4-Methylphenols	7.39	107	442457	34.259	ng	#	65
22) Acetophenone	7.40	105	616011	36.808	ng	#	81
24) Nitrobenzene	7.57	77	555329	43.260	ng	#	85
25) Isophorone	7.81	82	992245	43.824	ng	#	93
26) 2-Nitrophenol	7.88	139	227047	52.030	ng	#	73
27) 2,4-Dimethylphenol	7.92	122	396505	43.573	ng	#	74
28) bis(2-Chloroethoxy)methane	8.01	93	589956	41.605	ng		98
29) 2,4-Dichlorophenol	8.12	162	403471	42.608	ng		91
30) 1,2,4-Trichlorobenzene	8.21	180	443002	38.633	ng		99
31) Naphthalene	8.30	128	1232167	41.645	ng		97
32) Benzoic acid	8.02	122	89412	16.010	ng		93
33) 4-Chloroaniline	8.34	127	145074	11.322	ng	#	87
34) Hexachlorobutadiene	8.40	225	294903	38.435	ng		97
35) Caprolactam	8.72	113	137771m	44.726	ng		
36) 4-Chloro-3-methylphenol	8.82	107	549991	44.451	ng	#	79
37) 2-Methylnaphthalene	8.99	142	889313	45.600	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	511395	38.441	ng		99
40) Hexachlorocyclopentadiene	9.13	237	323269	46.524	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	330776	39.831	ng		94
43) 2,4,5-Trichlorophenol	9.31	196	329347	41.456	ng	#	87
45) 1,1'-Biphenyl	9.45	154	1096120	37.084	ng		96
46) 2-Chloronaphthalene	9.48	162	882992	37.823	ng		94
47) 2-Nitroaniline	9.58	65	367305	51.413	ng	#	74
48) Acenaphthylene	9.90	152	1300850	39.928	ng		97
49) Dimethylphthalate	9.75	163	1517135	55.854	ng		98
50) 2,6-Dinitrotoluene	9.82	165	233834	45.114	ng	#	63
51) Acenaphthene	10.07	154	817420	37.848	ng		100
52) 3-Nitroaniline	9.99	138	138672	25.471	ng	#	85
53) 2,4-Dinitrophenol	10.09	184	21864	16.983	ng	#	36
54) Dibenzofuran	10.24	168	1240216	37.160	ng		92
55) 4-Nitrophenol	10.15	139	284365	64.549	ng	#	60
56) 2,4-Dinitrotoluene	10.22	165	324442	48.023	ng	#	83
57) Fluorene	10.59	166	907939	41.075	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	269409	35.009	ng	#	88
59) Diethylphthalate	10.45	149	1097989	41.608	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	505645	38.404	ng		90
61) 4-Nitroaniline	10.61	138	217111	41.904	ng	#	35
62) Azobenzene	10.74	77	1132488	36.545	ng		85
64) 4,6-Dinitro-2-methylphenol	10.63	198	34564	15.384	ng		90
65) n-Nitrosodiphenylamine	10.70	169	876392	40.243	ng		94
66) 4-Bromophenyl-phenylether	11.07	248	308739	39.137	ng		94
67) Hexachlorobenzene	11.14	284	292676	40.080	ng	#	88
68) Atrazine	11.22	200	335958	40.824	ng		97
69) Pentachlorophenol	11.33	266	228959	42.428	ng		97
70) Phenanthrene	11.55	178	1555350	45.263	ng		98
71) Anthracene	11.61	178	1412964	41.284	ng		98
72) Carbazole	11.76	167	1159073	35.771	ng		94
73) Di-n-butylphthalate	12.08	149	1603166	43.052	ng	#	97
74) Fluoranthene	12.75	202	1667803	42.703	ng		94
76) Benzidine	12.86	184	192965m	12.896	ng		
77) Pyrene	12.98	202	1583076	60.379	ng		98
79) Butylbenzylphthalate	13.58	149	549744	57.562	ng	#	83
80) Benzo(a)anthracene	14.17	228	1169065	49.555	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	232769	29.420	ng	#	94
82) Chrysene	14.21	228	1061304	47.095	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	750360	54.827	ng		93
84) Di-n-octyl phthalate	14.75	149	1144804	53.810	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	899081	56.049	ng	#	89
87) Benzo(b)fluoranthene	15.26	252	1101456	48.284	ng	#	96
88) Benzo(k)fluoranthene	15.29	252	940528	42.247	ng	#	94
89) Benzo(a)pyrene	15.65	252	1021626	48.793	ng	#	96
90) Dibenzo(a,h)anthracene	17.32	278	694958	43.978	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	701593	43.694	ng	#	87

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

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