Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110790.D
Acq On : 15 Nov 2018 16:05
Operator : JU/SJ
Sample : J5950-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSI-21-TW-2MSD

Manual Integrations APPROVED
Sohil
11/16/2018 10:07:16 AM

Quant Time: Nov 16 06:43:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58259	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	239536	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	113015	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	215898	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	145938	20.00	ng		-0.01
87) Perylene-d12	15.65	264	132189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	492321	137.26	ng		0.00
7) Phenol-d6	6.57	99	623773	136.00	ng		0.00
23) Nitrobenzene-d5	7.50	82	386490	92.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	159142	139.75	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	606666	76.66	ng		0.00
79) Terphenyl-d14	13.06	244	601167	77.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	54176	30.315	ng		91
3) Pyridine	3.59	79	147219	38.165	ng		87
4) n-Nitrosodimethylamine	3.53	42	78116	47.197	ng		87
6) Aniline	6.60	93	169482	28.336	ng	#	57
8) 2-Chlorophenol	6.73	128	174984	41.617	ng		99
9) Benzaldehyde	6.50	77	90080	35.502	ng		93
10) Phenol	6.58	94	222696	41.874	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	161894	40.619	ng		97
12) 1,3-Dichlorobenzene	6.88	146	182052	39.572	ng		97
13) 1,4-Dichlorobenzene	6.96	146	186593	39.942	ng		99
14) 1,2-Dichlorobenzene	7.11	146	174686	40.196	ng		99
15) Benzyl Alcohol	7.08	79	150102	41.820	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	246802	39.431	ng		77
17) 2-Methylphenol	7.19	107	140023	41.844	ng	#	82
18) Hexachloroethane	7.45	117	70384	40.810	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	120848	41.277	ng		97
20) 3+4-Methylphenols	7.34	107	180484	42.016	ng		89
22) Acetophenone	7.35	105	241594	43.277	ng	#	94
24) Nitrobenzene	7.53	77	178659	41.924	ng		92
25) Isophorone	7.76	82	322130	47.252	ng		97
26) 2-Nitrophenol	7.84	139	93615	44.034	ng		97
27) 2,4-Dimethylphenol	7.87	122	151060	46.656	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	203489	44.086	ng		99
29) 2,4-Dichlorophenol	8.08	162	147481	44.268	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	157144	41.835	ng		97
31) Naphthalene	8.25	128	547160	48.658	ng		99
32) Benzoic acid	8.00	122	97140	42.404	ng		95
33) 4-Chloroaniline	8.30	127	82755	16.247	ng		98
34) Hexachlorobutadiene	8.35	225	85201	39.712	ng		98
35) Caprolactam	8.67	113	47249	42.450	ng	#	88
36) 4-Chloro-3-methylphenol	8.78	107	160864	44.771	ng		99
37) 2-Methylnaphthalene	8.93	142	358076	48.575	ng		99
38) 1-Methylnaphthalene	8.93	142	358076	50.509	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	147771	41.307	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	88950	65.330	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	98309	43.731	ng		95
44) 2,4,5-Trichlorophenol	9.26	196	107458	44.813	ng		96
46) 1,1'-Biphenyl	9.40	154	423096	40.132	ng		100
47) 2-Chloronaphthalene	9.43	162	321286	42.300	ng		100
48) 2-Nitroaniline	9.53	65	102785	43.914	ng		94
49) Acenaphthylene	9.85	152	503713	46.050	ng		99
50) Dimethylphthalate	9.70	163	458188	54.334	ng		100
51) 2,6-Dinitrotoluene	9.77	165	81702	44.043	ng		98
52) Acenaphthene	10.02	154	303148	43.854	ng		97
53) 3-Nitroaniline	9.95	138	56222	26.160	ng		88
54) 2,4-Dinitrophenol	10.06	184	57329	77.721	ng		88
55) Dibenzofuran	10.19	168	437868	43.295	ng		97
56) 4-Nitrophenol	10.11	139	119880	84.077	ng		96
57) 2,4-Dinitrotoluene	10.18	165	108346	44.920	ng		96
58) Fluorene	10.53	166	359188	46.238	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	85230m	45.181	ng		
60) Diethylphthalate	10.40	149	373472	44.766	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	168541	41.903	ng		95
62) 4-Nitroaniline	10.56	138	85148	39.344	ng		96
63) Azobenzene	10.68	77	351650	43.202	ng		96
65) 4,6-Dinitro-2-methylphenol	10.59	198	44419	40.823	ng		83
66) n-Nitrosodiphenylamine	10.64	169	312307	42.916	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	98656	41.346	ng	#	87
68) Hexachlorobenzene	11.09	284	103824	41.271	ng		98
69) Atrazine	11.17	200	99016	44.500	ng		98
70) Pentachlorophenol	11.28	266	90708	67.574	ng		98
71) Phenanthrene	11.50	178	518552	44.831	ng		100
72) Anthracene	11.56	178	538844	46.181	ng		99
73) Carbazole	11.71	167	461447	41.180	ng		100
74) Di-n-butylphthalate	12.02	149	594526	45.244	ng		99
75) Fluoranthene	12.70	202	517122	44.593	ng		98
77) Benzidine	12.82	184	154453	38.485	ng		95
78) Pyrene	12.93	202	511859	45.552	ng		98
80) Butylbenzylphthalate	13.53	149	234533	48.493	ng		94
81) Benzo(a)anthracene	14.12	228	397228	45.539	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	95772	32.775	ng		99
83) Chrysene	14.16	228	371547	44.709	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	315133	52.524	ng		97
85) Di-n-octyl phthalate	14.69	149	500863	56.769	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	377940	63.376	ng		97
88) Benzo(b)fluoranthene	15.20	252	357078	45.154	ng		97
89) Benzo(k)fluoranthene	15.23	252	329834	42.211	ng	#	98
90) Benzo(a)pyrene	15.59	252	343006	47.739	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	311318	51.201	ng		99
92) Benzo(g,h,i)perylene	17.70	276	306675	50.835	ng		97

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

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