Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111048.D
Acq On : 28 Nov 2018 16:29
Operator : JU/SJ
Sample : J6083-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2MSD

Quant Time: Nov 29 10:34:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:23:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57663	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	235697	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	112279	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	193348	20.00	ng		0.00
76) Chrysene-d12	14.13	240	110964	20.00	ng		0.00
87) Perylene-d12	15.66	264	112645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	401117	115.36	ng		0.01
7) Phenol-d6	6.57	99	522722	115.36	ng		0.00
23) Nitrobenzene-d5	7.50	82	331448	80.48	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	118768	106.51	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	596035	76.91	ng		0.00
79) Terphenyl-d14	13.05	244	471564	82.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	47247	28.361	ng		89
3) Pyridine	3.61	79	118175	32.395	ng		87
4) n-Nitrosodimethylamine	3.56	42	67525	40.453	ng		83
6) Aniline	6.60	93	151993	27.133	ng	#	59
8) 2-Chlorophenol	6.72	128	161558	39.205	ng		99
9) Benzaldehyde	6.50	77	95667	39.346	ng		95
10) Phenol	6.58	94	223113	43.721	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	146434	38.088	ng		94
12) 1,3-Dichlorobenzene	6.87	146	166414	36.759	ng		99
13) 1,4-Dichlorobenzene	6.95	146	172089	36.965	ng		99
14) 1,2-Dichlorobenzene	7.10	146	162994	37.199	ng		99
15) Benzyl Alcohol	7.08	79	133687	38.389	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	231753	37.877	ng		89
17) 2-Methylphenol	7.19	107	127757	38.992	ng	#	85
18) Hexachloroethane	7.43	117	62588	36.548	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	113825	38.562	ng		97
20) 3+4-Methylphenols	7.35	107	167813	38.529	ng	#	46
22) Acetophenone	7.35	105	223667	40.485	ng	#	93
24) Nitrobenzene	7.52	77	168992	39.459	ng		96
25) Isophorone	7.76	82	306078	45.307	ng		96
26) 2-Nitrophenol	7.84	139	82911	39.847	ng		97
27) 2,4-Dimethylphenol	7.87	122	145169	46.199	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	189168	41.798	ng		99
29) 2,4-Dichlorophenol	8.08	162	134421	40.881	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	143046	38.819	ng		96
31) Naphthalene	8.24	128	472752	42.789	ng		100
33) 4-Chloroaniline	8.30	127	86035	18.295	ng		99
34) Hexachlorobutadiene	8.34	225	78105	37.214	ng		98
35) Caprolactam	8.67	113	41792	37.229	ng		93
36) 4-Chloro-3-methylphenol	8.78	107	145544	39.838	ng		95
37) 2-Methylnaphthalene	8.93	142	323101	44.275	ng		98
38) 1-Methylnaphthalene	9.03	142	300613	42.350	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	137155	38.832	ng		99
41) Hexachlorocyclopentadiene	9.07	237	23659	53.121	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	79266	37.576	ng		97
44) 2,4,5-Trichlorophenol	9.26	196	89198	40.158	ng		96
46) 1,1'-Biphenyl	9.39	154	387434	37.428	ng		98
47) 2-Chloronaphthalene	9.42	162	295309	39.346	ng		99
48) 2-Nitroaniline	9.53	65	94195	40.124	ng		96
49) Acenaphthylene	9.84	152	447831	41.961	ng		98
50) Dimethylphthalate	9.69	163	370753	45.024	ng		99
51) 2,6-Dinitrotoluene	9.77	165	74138	40.442	ng		96
52) Acenaphthene	10.01	154	275180	40.220	ng		97
53) 3-Nitroaniline	9.95	138	60178	28.165	ng		92
55) Dibenzofuran	10.18	168	389132	38.986	ng		99
56) 4-Nitrophenol	10.12	139	45579	40.579	ng		92
57) 2,4-Dinitrotoluene	10.18	165	95684	40.230	ng	#	81
58) Fluorene	10.53	166	321793	41.437	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	62997	34.559	ng		93
60) Diethylphthalate	10.39	149	338665	39.882	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	150673	37.094	ng		99
62) 4-Nitroaniline	10.57	138	76198	38.303	ng		96
63) Azobenzene	10.67	77	313344	37.858	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	12395	13.552	ng		88
66) n-Nitrosodiphenylamine	10.63	169	277922	43.179	ng		96
67) 4-Bromophenyl-phenylether	11.00	248	86632	41.141	ng		96
68) Hexachlorobenzene	11.08	284	90047	40.148	ng		95
69) Atrazine	11.16	200	88291	53.303	ng		99
70) Pentachlorophenol	11.28	266	42605	47.746	ng		94
71) Phenanthrene	11.50	178	436160	42.593	ng		99
72) Anthracene	11.55	178	457302	43.851	ng		98
73) Carbazole	11.71	167	384231	37.959	ng		99
74) Di-n-butylphthalate	12.01	149	489270	41.341	ng		99
75) Fluoranthene	12.69	202	386862	36.757	ng		99
77) Benzidine	12.82	184	165256	58.225	ng		97
78) Pyrene	12.93	202	372504	45.963	ng		100
80) Butylbenzylphthalate	13.52	149	157664	43.089	ng		99
81) Benzo(a)anthracene	14.12	228	284250	43.389	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	78709	35.039	ng		98
83) Chrysene	14.16	228	266708	41.356	ng		98
84) Bis(2-ethylhexyl)phthalate	14.06	149	202483	41.530	ng		98
85) Di-n-octyl phthalate	14.68	149	334316	43.439	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	297553	64.278	ng		99
88) Benzo(b)fluoranthene	15.20	252	269514	40.728	ng		100
89) Benzo(k)fluoranthene	15.23	252	253240	37.180	ng		99
90) Benzo(a)pyrene	15.60	252	259561	42.138	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	250257	49.241	ng		99
92) Benzo(g,h,i)perylene	17.74	276	237617	48.490	ng		100

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

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