Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110847.D
Acq On : 19 Nov 2018 12:37
Operator : JU/SJ
Sample : J5977-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:20 AM

Quant Time: Nov 19 15:32:01 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	59380	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	252102	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	120795	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	213244	20.00	ng		0.00
76) Chrysene-d12	14.13	240	129021	20.00	ng		0.00
87) Perylene-d12	15.66	264	126219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	394354	107.87	ng		0.00
7) Phenol-d6	6.57	99	506596	108.37	ng		0.00
23) Nitrobenzene-d5	7.50	82	318740	72.81	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	122421	100.58	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	537912	63.60	ng		-0.01
79) Terphenyl-d14	13.06	244	410052	59.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	41020	22.520	ng		90
3) Pyridine	3.59	79	106348	27.049	ng	#	84
4) n-Nitrosodimethylamine	3.54	42	59629	35.347	ng		85
6) Aniline	6.61	93	80428	13.193	ng	#	55
8) 2-Chlorophenol	6.73	128	136917	31.949	ng		99
9) Benzaldehyde	6.50	77	69529	25.049	ng		97
10) Phenol	6.58	94	192287	35.474	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	122981	30.274	ng		96
12) 1,3-Dichlorobenzene	6.88	146	142533	30.397	ng		98
13) 1,4-Dichlorobenzene	6.96	146	143426	30.122	ng		99
14) 1,2-Dichlorobenzene	7.11	146	137184	30.970	ng		98
15) Benzyl Alcohol	7.08	79	119105	32.558	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	193735	30.368	ng		77
17) 2-Methylphenol	7.19	107	110914	32.520	ng	#	83
18) Hexachloroethane	7.45	117	53380	30.367	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	93046	31.181	ng		94
20) 3+4-Methylphenols	7.35	107	149747m	34.202	ng		
22) Acetophenone	7.35	105	188800	32.134	ng	#	93
24) Nitrobenzene	7.53	77	140898	31.415	ng		93
25) Isophorone	7.76	82	248933	34.695	ng		97
26) 2-Nitrophenol	7.84	139	71844	32.109	ng		100
27) 2,4-Dimethylphenol	7.87	122	118412	34.749	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	159384	32.809	ng		100
29) 2,4-Dichlorophenol	8.09	162	116078	33.106	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	124016	31.370	ng		96
31) Naphthalene	8.25	128	494787	41.808	ng		99
32) Benzoic acid	7.97	122	13448	5.578	ng		93
33) 4-Chloroaniline	8.30	127	42927	8.008	ng		99
34) Hexachlorobutadiene	8.35	225	68349	30.269	ng		99
35) Caprolactam	8.66	113	35966	30.702	ng	#	86
36) 4-Chloro-3-methylphenol	8.78	107	127381	33.685	ng		96
37) 2-Methylnaphthalene	8.93	142	292387	37.687	ng		100
38) 1-Methylnaphthalene	9.03	142	271048	36.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	117509	30.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	13934	16.081	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	78815	32.802	ng		99
44) 2,4,5-Trichlorophenol	9.26	196	84253	32.873	ng		96
46) 1,1'-Biphenyl	9.40	154	341613	30.316	ng		99
47) 2-Chloronaphthalene	9.43	162	254393	31.336	ng		98
48) 2-Nitroaniline	9.53	65	83409	33.341	ng		94
49) Acenaphthylene	9.85	152	408943	34.978	ng		99
50) Dimethylphthalate	9.69	163	402302	44.634	ng		99
51) 2,6-Dinitrotoluene	9.77	165	63343	31.947	ng		95
52) Acenaphthene	10.02	154	280027	37.900	ng		97
53) 3-Nitroaniline	9.95	138	39941	17.387	ng		96
54) 2,4-Dinitrophenol	10.07	184	12202	19.242	ng		97
55) Dibenzofuran	10.19	168	373057	34.511	ng		96
56) 4-Nitrophenol	10.11	139	87636	57.505	ng		97
57) 2,4-Dinitrotoluene	10.18	165	84038	32.598	ng		98
58) Fluorene	10.53	166	327698	39.467	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	68409	33.928	ng		92
60) Diethylphthalate	10.39	149	296805	33.285	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	130383	30.328	ng		96
62) 4-Nitroaniline	10.56	138	61146	26.434	ng		95
63) Azobenzene	10.68	77	270689	31.114	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	13724	12.770	ng		87
66) n-Nitrosodiphenylamine	10.64	169	241235	33.562	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	76116	32.297	ng	#	89
68) Hexachlorobenzene	11.09	284	79098	31.833	ng		97
69) Atrazine	11.16	200	74937	34.097	ng		98
70) Pentachlorophenol	11.29	266	68665	51.790	ng		97
71) Phenanthrene	11.51	178	921082	80.623	ng		99
72) Anthracene	11.56	178	561018	48.680	ng		98
73) Carbazole	11.71	167	365655	33.038	ng		99
74) Di-n-butylphthalate	12.02	149	440481	33.938	ng		98
75) Fluoranthene	12.71	202	1051896	91.838	ng		98
77) Benzidine	12.82	184	58929	16.609	ng		95
78) Pyrene	12.93	202	969788	97.620	ng		99
80) Butylbenzylphthalate	13.53	149	146534	34.270	ng		98
81) Benzo(a)anthracene	14.13	228	578672	75.038	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	55919	21.646	ng		98
83) Chrysene	14.16	228	519861	70.759	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	195512	36.859	ng		99
85) Di-n-octyl phthalate	14.69	149	327949	42.044	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	351140	66.603	ng		98
88) Benzo(b)fluoranthene	15.22	252	604875	80.107	ng		98
89) Benzo(k)fluoranthene	15.24	252	353894	47.432	ng		99
90) Benzo(a)pyrene	15.60	252	502703	73.275	ng		99
91) Dibenzo(a,h)anthracene	17.25	278	208871	35.977	ng		99
92) Benzo(g,h,i)perylene	17.73	276	297032	51.565	ng		98

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

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