Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111045.D
Acq On : 28 Nov 2018 15:06
Operator : JU/SJ
Sample : J6065-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USTS-1-2-3MSD

Manual Integrations APPROVED
mohammad
11/29/2018 1:58:19 PM

Quant Time: Nov 28 15:51:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	216664	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	104710	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	180688	20.00	ng		0.00
76) Chrysene-d12	14.13	240	103721	20.00	ng		0.00
87) Perylene-d12	15.66	264	105711	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	423612	126.44	ng		0.01
7) Phenol-d6	6.57	99	525304	120.32	ng		0.00
23) Nitrobenzene-d5	7.50	82	320167	84.57	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	123817	119.06	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	543803	75.24	ng		0.00
79) Terphenyl-d14	13.05	244	409972	76.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	42975	26.774	ng		89
3) Pyridine	3.61	79	111630	31.761	ng	#	83
4) n-Nitrosodimethylamine	3.55	42	62384	38.789	ng		88
6) Aniline	6.61	93	97547	18.073	ng	#	59
8) 2-Chlorophenol	6.72	128	144677	36.438	ng		99
9) Benzaldehyde	6.50	77	50176	18.234	ng		93
10) Phenol	6.58	94	198518	40.375	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	132585	35.792	ng		94
12) 1,3-Dichlorobenzene	6.87	146	146098	33.494	ng		97
13) 1,4-Dichlorobenzene	6.95	146	150324	33.513	ng		96
14) 1,2-Dichlorobenzene	7.10	146	141995	33.635	ng		99
15) Benzyl Alcohol	7.08	79	121630	36.251	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	202550	34.359	ng		92
17) 2-Methylphenol	7.19	107	112504	35.638	ng	#	86
18) Hexachloroethane	7.43	117	76573	46.408	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	100243	35.247	ng		94
20) 3+4-Methylphenols	7.35	107	147795	35.219	ng	#	46
22) Acetophenone	7.35	105	200890	39.556	ng	#	93
24) Nitrobenzene	7.52	77	153662	39.031	ng		98
25) Isophorone	7.76	82	269177	43.345	ng		96
26) 2-Nitrophenol	7.84	139	77645	40.595	ng		98
27) 2,4-Dimethylphenol	7.87	122	130317	45.116	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	165236	39.717	ng		99
29) 2,4-Dichlorophenol	8.08	162	124314	41.128	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	123399	36.429	ng		96
31) Naphthalene	8.24	128	416426	41.002	ng		100
33) 4-Chloroaniline	8.30	127	37443	8.662	ng		98
34) Hexachlorobutadiene	8.34	225	68151	35.324	ng		97
35) Caprolactam	8.67	113	38755	37.556	ng	#	63
36) 4-Chloro-3-methylphenol	8.78	107	128322	38.209	ng		96
37) 2-Methylnaphthalene	8.93	142	277966	41.436	ng		99
38) 1-Methylnaphthalene	9.03	142	267142m	40.941	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	117703	35.733	ng		99
41) Hexachlorocyclopentadiene	9.07	237	17834	47.520	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	75602	38.430	ng		92
44) 2,4,5-Trichlorophenol	9.26	196	78381	37.839	ng		90
46) 1,1'-Biphenyl	9.39	154	334828	34.684	ng		99
47) 2-Chloronaphthalene	9.42	162	249503	35.646	ng		98
48) 2-Nitroaniline	9.53	65	84520	38.605	ng		95
49) Acenaphthylene	9.84	152	384386	38.620	ng		99
50) Dimethylphthalate	9.69	163	336311	43.794	ng		99
51) 2,6-Dinitrotoluene	9.77	165	64000	37.435	ng		94
52) Acenaphthene	10.01	154	232639	36.460	ng		98
53) 3-Nitroaniline	9.95	138	42475	21.317	ng		95
54) 2,4-Dinitrophenol	10.09	184	4864	11.396	ng		93
55) Dibenzofuran	10.18	168	336942	36.197	ng		100
56) 4-Nitrophenol	10.12	139	66363	60.976	ng		90
57) 2,4-Dinitrotoluene	10.18	165	83941	37.844	ng	#	79
58) Fluorene	10.53	166	275393	38.026	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	65869	38.746	ng		93
60) Diethylphthalate	10.39	149	291355	36.791	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	131248	34.648	ng		99
62) 4-Nitroaniline	10.57	138	63661	34.314	ng		92
63) Azobenzene	10.67	77	266712	34.553	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	22613	26.457	ng		79
66) n-Nitrosodiphenylamine	10.63	169	237647	39.509	ng		95
67) 4-Bromophenyl-phenylether	11.00	248	74760	37.991	ng		93
68) Hexachlorobenzene	11.08	284	77997	37.212	ng		96
69) Atrazine	11.16	200	74319	49.301	ng		99
70) Pentachlorophenol	11.28	266	56350	67.574	ng		100
71) Phenanthrene	11.50	178	376836	39.378	ng		99
72) Anthracene	11.55	178	386162	39.623	ng		98
73) Carbazole	11.71	167	331395	35.033	ng		100
74) Di-n-butylphthalate	12.01	149	412623	37.308	ng		99
75) Fluoranthene	12.69	202	333808	33.938	ng		99
77) Benzidine	12.82	184	87582	33.013	ng		95
78) Pyrene	12.93	202	329421	43.485	ng		98
80) Butylbenzylphthalate	13.52	149	132184	38.648	ng		99
81) Benzo(a)anthracene	14.12	228	246355	40.231	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	55190	26.285	ng		98
83) Chrysene	14.16	228	238241	39.522	ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	173995	38.179	ng		97
85) Di-n-octyl phthalate	14.68	149	295584	41.088	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	271090	62.651	ng		99
88) Benzo(b)fluoranthene	15.20	252	244846	39.427	ng		99
89) Benzo(k)fluoranthene	15.23	252	221567	34.663	ng		98
90) Benzo(a)pyrene	15.60	252	236338	40.885	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	226718	47.536	ng		98
92) Benzo(g,h,i)perylene	17.74	276	218206	47.450	ng		99

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

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