Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117953.D
Acq On : 23 Nov 2019 13:46
Operator : JU
Sample : K5925-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:03 PM

Quant Time: Nov 25 08:07:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	120002	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	480696	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	265107	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	520091	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	395593	20.00	ng		-0.01
87) Perylene-d12	15.60	264	402963	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	800650	118.10	ng		-0.01
7) Phenol-d6	6.53	99	1032052	126.21	ng		-0.01
23) Nitrobenzene-d5	7.47	82	628947	77.78	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	351515	125.24	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1209143	81.83	ng		-0.02
79) Terphenyl-d14	13.04	244	1551567	71.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	134994	42.599	ng		97
3) Pyridine	3.48	79	356034	42.831	ng		97
4) n-Nitrosodimethylamine	3.43	42	181249	49.949	ng		96
6) Aniline	6.56	93	238157	22.040	ng		97
8) 2-Chlorophenol	6.69	128	368252	50.060	ng		98
9) Benzaldehyde	6.45	77	174088	30.701	ng		99
10) Phenol	6.55	94	439884	51.769	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	318009	46.605	ng		96
12) 1,3-Dichlorobenzene	6.85	146	403032	46.537	ng		98
13) 1,4-Dichlorobenzene	6.92	146	409810	46.814	ng		98
14) 1,2-Dichlorobenzene	7.07	146	389541	46.528	ng		98
15) Benzyl Alcohol	7.05	79	324555	51.410	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	416778	39.672	ng		97
17) 2-Methylphenol	7.16	107	307117	49.300	ng		99
18) Hexachloroethane	7.42	117	147274	45.797	ng		96
19) n-Nitroso-di-n-propylamine	7.32	70	245894	48.744	ng		97
20) 3+4-Methylphenols	7.30	107	385320	49.828	ng	#	88
22) Acetophenone	7.32	105	504111	46.678	ng	#	98
24) Nitrobenzene	7.49	77	388738	46.600	ng		97
25) Isophorone	7.73	82	688786	46.474	ng		97
26) 2-Nitrophenol	7.80	139	207172	51.024	ng		92
27) 2,4-Dimethylphenol	7.84	122	326808	51.798	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	412396	43.849	ng		99
29) 2,4-Dichlorophenol	8.05	162	321151	46.926	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	350420	44.143	ng		99
31) Naphthalene	8.22	128	1093994	48.818	ng		99
32) Benzoic acid	7.96	122	247889	46.924	ng		99
33) 4-Chloroaniline	8.26	127	98876	9.856	ng		98
34) Hexachlorobutadiene	8.33	225	200460	43.191	ng		100
35) Caprolactam	8.63	113	108423m	49.849	ng		
36) 4-Chloro-3-methylphenol	8.75	107	348402	50.162	ng		96
37) 2-Methylnaphthalene	8.91	142	756238	49.945	ng		99
38) 1-Methylnaphthalene	9.01	142	714252	49.896	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	335218	43.541	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	432369	100.213	ng		98
43) 2,4,6-Trichlorophenol	9.19	196	241732	43.836	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	261592	45.689	ng		99
46) 1,1'-Biphenyl	9.37	154	911422	46.339	ng		98
47) 2-Chloronaphthalene	9.40	162	703518	43.480	ng		97
48) 2-Nitroaniline	9.49	65	213239	43.653	ng		99
49) Acenaphthylene	9.82	152	1145391	48.554	ng		99
50) Dimethylphthalate	9.67	163	1085644	58.398	ng		99
51) 2,6-Dinitrotoluene	9.74	165	195397	48.092	ng		86
52) Acenaphthene	9.99	154	703826	46.575	ng		99
53) 3-Nitroaniline	9.90	138	82360	16.941	ng		99
54) 2,4-Dinitrophenol	10.02	184	197957	93.485	ng		87
55) Dibenzofuran	10.16	168	1001023	47.836	ng		98
56) 4-Nitrophenol	10.07	139	347804	95.842	ng		96
57) 2,4-Dinitrotoluene	10.15	165	263062	50.898	ng		94
58) Fluorene	10.51	166	785174	48.419	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	215097	45.723	ng		96
60) Diethylphthalate	10.37	149	861540	47.535	ng		98
61) 4-Chlorophenyl-phenylether	10.50	204	384080	46.671	ng		96
62) 4-Nitroaniline	10.52	138	205021	42.118	ng		95
63) Azobenzene	10.66	77	777319	47.142	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	139407	57.417	ng		82
66) n-Nitrosodiphenylamine	10.62	169	700628	46.288	ng		100
67) 4-Bromophenyl-phenylether	10.99	248	245692	43.782	ng		98
68) Hexachlorobenzene	11.06	284	288245	44.050	ng		98
69) Atrazine	11.15	200	252574	50.727	ng		98
70) Pentachlorophenol	11.25	266	326327	85.360	ng		99
71) Phenanthrene	11.47	178	1221718	46.722	ng		99
72) Anthracene	11.53	178	1268421	48.925	ng		99
73) Carbazole	11.68	167	1118311	49.362	ng		100
74) Di-n-butylphthalate	12.01	149	1369823	48.562	ng		99
75) Fluoranthene	12.67	202	1282734	55.651	ng		100
77) Benzidine	12.79	184	468642	36.166	ng		98
78) Pyrene	12.90	202	1294118	40.479	ng		99
80) Butylbenzylphthalate	13.52	149	601449	43.802	ng		98
81) Benzo(a)anthracene	14.09	228	1194054	45.677	ng		100
82) 3,3'-Dichlorobenzidine	14.05	252	227639	24.895	ng	#	96
83) Chrysene	14.13	228	1152288	45.489	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	833397	50.063	ng		97
85) Di-n-octyl phthalate	14.69	149	1403599	57.393	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1083019	50.235	ng		98
88) Benzo(b)fluoranthene	15.16	252	1135625	43.377	ng		98
89) Benzo(k)fluoranthene	15.19	252	1104451	44.772	ng		99
90) Benzo(a)pyrene	15.54	252	1003075	43.571	ng		98
91) Dibenzo(a,h)anthracene	17.16	278	903714	45.607	ng		98
92) Benzo(g,h,i)perylene	17.60	276	886144	44.899	ng		99

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

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