Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115509.D
Acq On : 11 Jul 2019 22:01
Operator : HP/JU
Sample : K3751-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMSD

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:38 PM

Quant Time: Jul 12 05:50:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156902	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	627083	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	320983	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	654969	20.00	ng		0.00
76) Chrysene-d12	14.06	240	450363	20.00	ng		-0.01
87) Perylene-d12	15.53	264	468224	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1110303	109.33	ng		0.00
7) Phenol-d6	6.53	99	1483879	114.89	ng		0.00
23) Nitrobenzene-d5	7.46	82	941215	88.68	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	463185	130.51	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1657678	90.62	ng		0.00
79) Terphenyl-d14	13.00	244	1951871	88.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	147477	29.607	ng		99
3) Pyridine	3.49	79	178949	12.992	ng		99
4) n-Nitrosodimethylamine	3.41	42	161208	28.862	ng		100
6) Aniline	6.56	93	402697	22.095	ng		97
8) 2-Chlorophenol	6.68	128	417422	36.402	ng		99
9) Benzaldehyde	6.44	77	222653	27.951	ng		99
10) Phenol	6.54	94	533599	34.531	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	390018	34.022	ng		97
12) 1,3-Dichlorobenzene	6.84	146	438160	34.877	ng		98
13) 1,4-Dichlorobenzene	6.91	146	448234	35.620	ng		99
14) 1,2-Dichlorobenzene	7.07	146	416456	35.745	ng		97
15) Benzyl Alcohol	7.03	79	372079	35.901	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	515520	32.161	ng		99
17) 2-Methylphenol	7.15	107	357840	36.426	ng		99
18) Hexachloroethane	7.41	117	161712	34.496	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	291047	33.309	ng		95
20) 3+4-Methylphenols	7.29	107	432022	37.230	ng		98
22) Acetophenone	7.30	105	570459	37.964	ng	#	93
24) Nitrobenzene	7.47	77	448436	37.412	ng		98
25) Isophorone	7.72	82	819042	35.603	ng		99
26) 2-Nitrophenol	7.79	139	232337	47.147	ng		98
27) 2,4-Dimethylphenol	7.83	122	371225	39.506	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	503055	35.462	ng		98
29) 2,4-Dichlorophenol	8.03	162	368654	39.389	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	393297	37.747	ng		99
31) Naphthalene	8.20	128	1196838	38.425	ng		100
32) Benzoic acid	7.92	122	117237	21.012	ng		98
33) 4-Chloroaniline	8.24	127	196775	14.159	ng		99
34) Hexachlorobutadiene	8.32	225	221783	37.534	ng		98
35) Caprolactam	8.60	113	134671m	44.180	ng		
36) 4-Chloro-3-methylphenol	8.72	107	393164	39.715	ng		97
37) 2-Methylnaphthalene	8.89	142	809877	38.901	ng		99
38) 1-Methylnaphthalene	8.99	142	764571	38.490	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	367579	39.806	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	395668	73.928 ng	98
43) 2,4,6-Trichlorophenol	9.17	196	273694	40.712 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	288697	41.414 ng	94
46) 1,1'-Biphenyl	9.36	154	1007581	39.929 ng	98
47) 2-Chloronaphthalene	9.38	162	793379	38.042 ng	98
48) 2-Nitroaniline	9.47	65	247056	40.320 ng	93
49) Acenaphthylene	9.80	152	1231895	39.014 ng	98
50) Dimethylphthalate	9.66	163	1226049	50.890 ng	99
51) 2,6-Dinitrotoluene	9.71	165	219940	42.094 ng	94
52) Acenaphthene	9.97	154	820969	41.312 ng	99
53) 3-Nitroaniline	9.88	138	169184	27.879 ng	96
54) 2,4-Dinitrophenol	9.99	184	161603	72.695 ng	91
55) Dibenzofuran	10.14	168	1110920	39.685 ng	99
56) 4-Nitrophenol	10.04	139	409928	87.308 ng	98
57) 2,4-Dinitrotoluene	10.12	165	295792	44.545 ng	94
58) Fluorene	10.49	166	826678	37.461 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	252381	41.910 ng	99
60) Diethylphthalate	10.36	149	914965	38.584 ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	422279	39.207 ng	97
62) 4-Nitroaniline	10.50	138	245333	41.185 ng	98
63) Azobenzene	10.63	77	894693	36.601 ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	150420	47.971 ng	85
66) n-Nitrosodiphenylamine	10.59	169	787747	38.172 ng	100
67) 4-Bromophenyl-phenylether	10.96	248	278923	37.953 ng	94
68) Hexachlorobenzene	11.03	284	309631	37.546 ng	95
69) Atrazine	11.12	200	266771	41.770 ng	99
70) Pentachlorophenol	11.23	266	360590	71.747 ng	99
71) Phenanthrene	11.45	178	1311927	38.086 ng	99
72) Anthracene	11.50	178	1350889	39.109 ng	99
73) Carbazole	11.64	167	1219406	38.588 ng	99
74) Di-n-butylphthalate	11.98	149	1422544	37.248 ng	99
75) Fluoranthene	12.63	202	1393356	38.417 ng	98
77) Benzidine	12.74	184	190882	10.869 ng	97
78) Pyrene	12.86	202	1414864	40.399 ng	99
80) Butylbenzylphthalate	13.47	149	626031	40.912 ng	98
81) Benzo(a)anthracene	14.05	228	1121945	38.880 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	321251	30.681 ng	97
83) Chrysene	14.09	228	1156542	39.008 ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	788750	41.622 ng	100
85) Di-n-octyl phthalate	14.65	149	1335229	39.580 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1274673	53.621 ng	99
88) Benzo(b)fluoranthene	15.10	252	1050906	34.472 ng	100
89) Benzo(k)fluoranthene	15.13	252	1057534	39.006 ng	99
90) Benzo(a)pyrene	15.47	252	1036627	39.424 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1055966	46.997 ng	99
92) Benzo(g,h,i)perylene	17.48	276	1083393	50.942 ng	99

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

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