Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115508.D
Acq On : 11 Jul 2019 21:35
Operator : HP/JU
Sample : K3751-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 05:48:20 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

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138895	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	550586	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	281698	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	581652	20.00	ng		0.00
76) Chrysene-d12	14.06	240	434917	20.00	ng		-0.01
87) Perylene-d12	15.53	264	431672	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1016507	113.07	ng		0.00
7) Phenol-d6	6.52	99	1342574	117.43	ng		0.00
23) Nitrobenzene-d5	7.46	82	833731	89.47	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	417276	133.97	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1484941	92.50	ng		0.00
79) Terphenyl-d14	13.00	244	1825085	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	135945	30.830	ng		99
3) Pyridine	3.49	79	166990	13.696	ng		98
4) n-Nitrosodimethylamine	3.42	42	145241	29.375	ng		100
6) Aniline	6.56	93	343912	21.316	ng		99
8) 2-Chlorophenol	6.68	128	369372	36.388	ng		97
9) Benzaldehyde	6.44	77	198691	28.239	ng		99
10) Phenol	6.53	94	478950	35.012	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	344189	33.917	ng		98
12) 1,3-Dichlorobenzene	6.84	146	393685	35.400	ng		98
13) 1,4-Dichlorobenzene	6.91	146	399935	35.902	ng		99
14) 1,2-Dichlorobenzene	7.07	146	376396	36.495	ng		98
15) Benzyl Alcohol	7.03	79	330999	36.078	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	455545	32.104	ng		99
17) 2-Methylphenol	7.14	107	316835	36.433	ng		100
18) Hexachloroethane	7.41	117	143597	34.603	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	256165	33.118	ng		96
20) 3+4-Methylphenols	7.29	107	387274	37.701	ng		97
22) Acetophenone	7.30	105	505220	38.294	ng	#	99
24) Nitrobenzene	7.47	77	397978	37.815	ng		99
25) Isophorone	7.71	82	720263	35.659	ng		98
26) 2-Nitrophenol	7.79	139	203066	46.933	ng		94
27) 2,4-Dimethylphenol	7.83	122	330361	40.042	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	441582	35.453	ng		99
29) 2,4-Dichlorophenol	8.03	162	326011	39.673	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	351890	38.465	ng		98
31) Naphthalene	8.20	128	1067798	39.045	ng		100
32) Benzoic acid	7.91	122	91108	19.292	ng		98
33) 4-Chloroaniline	8.24	127	173240	14.198	ng		97
34) Hexachlorobutadiene	8.32	225	194636	37.516	ng		100
35) Caprolactam	8.60	113	118751m	44.370	ng		
36) 4-Chloro-3-methylphenol	8.72	107	346720	39.890	ng		97
37) 2-Methylnaphthalene	8.89	142	722119	39.505	ng		99
38) 1-Methylnaphthalene	8.99	142	676568	38.792	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	323489	39.917	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115508.D
Acq On : 11 Jul 2019 21:35
Operator : HP/JU
Sample : K3751-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:35 PM

Quant Time: Jul 12 05:48:20 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)
41) Hexachlorocyclopentadiene	9.05	237	351553	74.845	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	235302	39.882	ng	96
44) 2,4,5-Trichlorophenol	9.20	196	251813	41.160	ng	96
46) 1,1'-Biphenyl	9.36	154	890177	40.196	ng	98
47) 2-Chloronaphthalene	9.38	162	709630	38.771	ng	99
48) 2-Nitroaniline	9.47	65	213668	39.734	ng	99
49) Acenaphthylene	9.80	152	1087423	39.241	ng	98
50) Dimethylphthalate	9.65	163	1081987	51.174	ng	100
51) 2,6-Dinitrotoluene	9.71	165	193772	42.257	ng	99
52) Acenaphthene	9.97	154	732405	41.995	ng	99
53) 3-Nitroaniline	9.87	138	156872	29.455	ng	96
54) 2,4-Dinitrophenol	9.98	184	139392	71.614	ng	88
55) Dibenzofuran	10.14	168	989143	40.262	ng	99
56) 4-Nitrophenol	10.04	139	359420	87.227	ng	95
57) 2,4-Dinitrotoluene	10.12	165	260449	44.692	ng	89
58) Fluorene	10.48	166	736824	38.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	218228	41.292	ng	100
60) Diethylphthalate	10.36	149	803043	38.587	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	372734	39.433	ng	94
62) 4-Nitroaniline	10.49	138	219908	42.066	ng	99
63) Azobenzene	10.63	77	790853	36.865	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	127743	46.216	ng	99
66) n-Nitrosodiphenylamine	10.59	169	690212	37.661	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	240983	36.923	ng	98
68) Hexachlorobenzene	11.03	284	272718	37.238	ng	97
69) Atrazine	11.12	200	235299	41.486	ng	100
70) Pentachlorophenol	11.22	266	327249	73.321	ng	99
71) Phenanthrene	11.45	178	1169527	38.232	ng	99
72) Anthracene	11.50	178	1225684	39.957	ng	99
73) Carbazole	11.65	167	1115967	39.766	ng	99
74) Di-n-butylphthalate	11.98	149	1277799	37.676	ng	100
75) Fluoranthene	12.63	202	1293470	40.158	ng	97
77) Benzidine	12.75	184	173860	10.251	ng	97
78) Pyrene	12.86	202	1329700	39.316	ng	99
80) Butylbenzylphthalate	13.47	149	567046	38.373	ng	98
81) Benzo(a)anthracene	14.05	228	1083752	38.891	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	310603	30.718	ng	97
83) Chrysene	14.09	228	1111729	38.828	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	737587	40.305	ng	99
85) Di-n-octyl phthalate	14.65	149	1261478	38.721	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1135166	48.920	ng	100
88) Benzo(b)fluoranthene	15.10	252	1022362	36.376	ng	99
89) Benzo(k)fluoranthene	15.13	252	1002589	40.111	ng	99
90) Benzo(a)pyrene	15.47	252	968748	39.963	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	936084	45.189	ng	99
92) Benzo(g,h,i)perylene	17.47	276	958561	48.889	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115508.D
Acq On : 11 Jul 2019 21:35
Operator : HP/JU
Sample : K3751-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 05:48:20 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

Instrument :
BNA_F
ClientSampleId :
MANHOLE-TEST-PITMS

Manual Integrations APPROVED
mohammad
7/12/2019 10:37:35 PM