Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117503.D
Acq On : 24 Oct 2019 00:17
Operator : JU
Sample : K5497-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 169-32-(0-1)MS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:06 PM

Quant Time: Oct 24 09:27:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48429	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	195095	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	99885	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	154312	20.00	ng		0.00
76) Chrysene-d12	13.89	240	86797	20.00	ng		0.00
87) Perylene-d12	15.32	264	96859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	340767	104.68	ng		0.00
7) Phenol-d6	6.39	99	476044	108.88	ng		0.00
23) Nitrobenzene-d5	7.30	82	299570	75.80	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	91004	105.30	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	439877	62.05	ng		0.00
79) Terphenyl-d14	12.83	244	316040	59.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	51429	37.577	ng		97
3) Pyridine	3.17	79	121551	36.279	ng		98
4) n-Nitrosodimethylamine	3.11	42	52295	43.024	ng		96
6) Aniline	6.40	93	162714	31.700	ng	#	20
8) 2-Chlorophenol	6.53	128	153195	44.598	ng		96
9) Benzaldehyde	6.28	77	90657	43.657	ng		98
10) Phenol	6.40	94	203616	45.629	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	146661	44.433	ng		99
12) 1,3-Dichlorobenzene	6.67	146	158408	41.325	ng		99
13) 1,4-Dichlorobenzene	6.75	146	159523	41.023	ng		99
14) 1,2-Dichlorobenzene	6.90	146	150904	41.169	ng		99
15) Benzyl Alcohol	6.89	79	137784	44.109	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	143477	40.295	ng		65
17) 2-Methylphenol	7.00	107	127363	45.072	ng		95
18) Hexachloroethane	7.24	117	57968	38.192	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	115792	43.365	ng		95
20) 3+4-Methylphenols	7.16	107	162898	43.968	ng	#	79
22) Acetophenone	7.15	105	223561	43.154	ng	#	94
24) Nitrobenzene	7.32	77	173735	45.900	ng		98
25) Isophorone	7.56	82	307843	45.030	ng		96
26) 2-Nitrophenol	7.64	139	77397	45.847	ng		95
27) 2,4-Dimethylphenol	7.68	122	131050	51.944	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	182639	43.295	ng		99
29) 2,4-Dichlorophenol	7.89	162	120898	45.687	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	123067	43.337	ng		99
31) Naphthalene	8.04	128	435214	45.006	ng		100
32) Benzoic acid	7.84	122	65284	37.779	ng		99
33) 4-Chloroaniline	8.09	127	65356	16.014	ng		98
34) Hexachlorobutadiene	8.15	225	67308	40.950	ng		98
35) Caprolactam	8.47	113	40492m	47.633	ng		
36) 4-Chloro-3-methylphenol	8.59	107	142202	47.119	ng		96
37) 2-Methylnaphthalene	8.73	142	298353	45.787	ng		100
38) 1-Methylnaphthalene	8.83	142	283101	46.236	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	113314	42.120	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117503.D
Acq On : 24 Oct 2019 00:17
Operator : JU
Sample : K5497-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:06 PM

Quant Time: Oct 24 09:27:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	15653	33.547	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	76316	45.298	ng		94
44) 2,4,5-Trichlorophenol	9.06	196	84055	49.236	ng		97
46) 1,1'-Biphenyl	9.19	154	346042	41.847	ng		100
47) 2-Chloronaphthalene	9.22	162	272852	43.763	ng		98
48) 2-Nitroaniline	9.32	65	89658	43.805	ng		93
49) Acenaphthylene	9.63	152	418894	45.741	ng		99
50) Dimethylphthalate	9.49	163	362052	50.845	ng		100
51) 2,6-Dinitrotoluene	9.56	165	68695	46.231	ng		96
52) Acenaphthene	9.80	154	249815	44.462	ng		99
53) 3-Nitroaniline	9.73	138	40907	22.689	ng		97
54) 2,4-Dinitrophenol	9.86	184	8999	18.319	ng		89
55) Dibenzofuran	9.97	168	373040	45.827	ng		99
56) 4-Nitrophenol	9.92	139	80560	96.190	ng		96
57) 2,4-Dinitrotoluene	9.97	165	91012	46.069	ng		98
58) Fluorene	10.32	166	301426	44.777	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	60786	45.303	ng		96
60) Diethylphthalate	10.19	149	318717	44.252	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	132196	43.771	ng		98
62) 4-Nitroaniline	10.35	138	59486	35.005	ng		99
63) Azobenzene	10.46	77	331300	44.934	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	11480	14.632	ng		89
66) n-Nitrosodiphenylamine	10.43	169	264752	46.931	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	73386	44.152	ng		97
68) Hexachlorobenzene	10.87	284	77681	43.640	ng		97
69) Atrazine	10.96	200	82346	57.372	ng		96
70) Pentachlorophenol	11.07	266	57269	107.321	ng		98
71) Phenanthrene	11.27	178	411135	45.884	ng		99
72) Anthracene	11.33	178	419083	45.583	ng		99
73) Carbazole	11.49	167	370996	44.156	ng		99
74) Di-n-butylphthalate	11.81	149	513840	45.770	ng		99
75) Fluoranthene	12.46	202	366550	40.864	ng		99
78) Pyrene	12.69	202	352715	47.310	ng		100
80) Butylbenzylphthalate	13.30	149	176255	47.508	ng		96
81) Benzo(a)anthracene	13.89	228	266861	45.580	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	86757	47.222	ng	#	96
83) Chrysene	13.92	228	253183	44.123	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	246108	47.356	ng		95
85) Di-n-octyl phthalate	14.47	149	382150	47.826	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	198060	46.231	ng		98
88) Benzo(b)fluoranthene	14.92	252	246191	43.043	ng		97
89) Benzo(k)fluoranthene	14.94	252	244001	41.622	ng		98
90) Benzo(a)pyrene	15.27	252	228386	43.918	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	173555	38.597	ng		99
92) Benzo(g,h,i)perylene	17.15	276	150338	35.336	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117503.D
Acq On : 24 Oct 2019 00:17
Operator : JU
Sample : K5497-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 24 09:27:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
169-32-(0-1)MS

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:06 PM