Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117457.D
Acq On : 21 Oct 2019 19:48
Operator : JU
Sample : K5146-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MSD

Manual Integrations APPROVED
mohammad
10/22/2019 3:29:20 PM

Quant Time: Oct 22 02:19:23 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	66360	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	281462	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	150379	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	251709	20.00	ng		0.00
76) Chrysene-d12	13.90	240	201379	20.00	ng		0.00
87) Perylene-d12	15.33	264	184250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	334202	74.92	ng		0.01
7) Phenol-d6	6.39	99	435845	72.75	ng		0.00
23) Nitrobenzene-d5	7.30	82	284882	49.97	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	101046	77.66	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	529140	49.58	ng		0.00
79) Terphenyl-d14	12.83	244	579642	46.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	43136	23.001	ng	#	83
3) Pyridine	3.27	79	92740m	20.201	ng		
4) n-Nitrosodimethylamine	3.16	42	45840	27.523	ng		95
6) Aniline	6.41	93	32739	4.655	ng	#	40
8) 2-Chlorophenol	6.53	128	131116	27.857	ng		96
9) Benzaldehyde	6.29	77	79448	24.413	ng		95
10) Phenol	6.40	94	154431	25.256	ng	#	66
11) bis(2-Chloroethyl)ether	6.47	93	122569	27.100	ng		99
12) 1,3-Dichlorobenzene	6.67	146	133115	25.343	ng		98
13) 1,4-Dichlorobenzene	6.75	146	135720	25.471	ng		98
14) 1,2-Dichlorobenzene	6.90	146	128268	25.538	ng		98
15) Benzyl Alcohol	6.89	79	121270	28.332	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	126954	26.020	ng		76
17) 2-Methylphenol	7.00	107	110623	28.570	ng		96
18) Hexachloroethane	7.24	117	52773	25.374	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	102235	27.942	ng		97
20) 3+4-Methylphenols	7.16	107	147214	28.998	ng	#	85
22) Acetophenone	7.15	105	198918	26.615	ng		95
24) Nitrobenzene	7.32	77	150820	27.619	ng		99
25) Isophorone	7.56	82	279124	28.301	ng		98
26) 2-Nitrophenol	7.63	139	68455	28.107	ng		93
27) 2,4-Dimethylphenol	7.68	122	113439	31.167	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	165918	27.263	ng		98
29) 2,4-Dichlorophenol	7.89	162	109918	28.792	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	107955	26.351	ng		98
31) Naphthalene	8.03	128	389724	27.935	ng		100
32) Benzoic acid	7.84	122	73961	29.667	ng		99
33) 4-Chloroaniline	8.10	127	20472	3.477	ng		98
34) Hexachlorobutadiene	8.15	225	60112	25.350	ng		98
35) Caprolactam	8.46	113	34611m	28.222	ng		
36) 4-Chloro-3-methylphenol	8.59	107	128249	29.456	ng		100
37) 2-Methylnaphthalene	8.73	142	267721	28.479	ng		99
38) 1-Methylnaphthalene	8.82	142	248450	28.126	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	102354	25.271	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	59055	61.094 ng		97
43) 2,4,6-Trichlorophenol	9.01	196	70613	27.840 ng		95
44) 2,4,5-Trichlorophenol	9.06	196	75595	29.412 ng		99
46) 1,1'-Biphenyl	9.19	154	315082	25.309 ng		98
47) 2-Chloronaphthalene	9.22	162	244044	25.999 ng		99
48) 2-Nitroaniline	9.32	65	78624	25.515 ng		90
49) Acenaphthylene	9.63	152	386370	28.023 ng		100
50) Dimethylphthalate	9.49	163	301768	28.149 ng		99
51) 2,6-Dinitrotoluene	9.56	165	63158	28.232 ng	#	80
52) Acenaphthene	9.80	154	225928	26.709 ng		99
53) 3-Nitroaniline	9.73	138	20368	7.504 ng	#	96
54) 2,4-Dinitrophenol	9.85	184	50645	56.146 ng		98
55) Dibenzofuran	9.97	168	344768	28.132 ng		99
56) 4-Nitrophenol	9.92	139	79478	64.457 ng		96
57) 2,4-Dinitrotoluene	9.97	165	85625	28.789 ng		85
58) Fluorene	10.32	166	284021	28.025 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	61140m	30.266 ng		
60) Diethylphthalate	10.19	149	306437	28.260 ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	123481	27.157 ng		96
62) 4-Nitroaniline	10.35	138	61241	23.937 ng		96
63) Azobenzene	10.46	77	319231	28.759 ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	38037	29.722 ng		95
66) n-Nitrosodiphenylamine	10.43	169	252148	27.402 ng		99
67) 4-Bromophenyl-phenylether	10.79	248	71501	26.373 ng		93
68) Hexachlorobenzene	10.87	284	75788	26.102 ng		90
69) Atrazine	10.96	200	80194	34.253 ng		97
70) Pentachlorophenol	11.07	266	67177	77.177 ng		96
71) Phenanthrene	11.27	178	402950	27.569 ng		99
72) Anthracene	11.33	178	429353	28.630 ng		98
73) Carbazole	11.49	167	396699	28.945 ng		99
74) Di-n-butylphthalate	11.81	149	522473	28.531 ng		99
75) Fluoranthene	12.46	202	435628	29.773 ng		99
77) Benzidine	12.59	184	45888	4.901 ng		97
78) Pyrene	12.69	202	436104	25.212 ng		99
80) Butylbenzylphthalate	13.30	149	228278	26.521 ng		97
81) Benzo(a)anthracene	13.89	228	367755	27.073 ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	40899	9.595 ng	#	97
83) Chrysene	13.92	228	359505	27.004 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	340573	28.246 ng	#	96
85) Di-n-octyl phthalate	14.48	149	573189	30.919 ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	289068	29.083 ng		99
88) Benzo(b)fluoranthene	14.92	252	317440	29.176 ng		97
89) Benzo(k)fluoranthene	14.94	252	297540	26.682 ng		97
90) Benzo(a)pyrene	15.27	252	268883	27.181 ng		96
91) Dibenzo(a,h)anthracene	16.74	278	247061	28.884 ng		97
92) Benzo(g,h,i)perylene	17.15	276	238405	29.457 ng		97

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

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