Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117504.D
Acq On : 24 Oct 2019 00:44
Operator : JU
Sample : K5497-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/24/2019 2:11:09 PM

Quant Time: Oct 24 09:26:50 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	40784	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	166697	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	83912	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	132296	20.00	ng		0.00
76) Chrysene-d12	13.89	240	79519	20.00	ng		0.00
87) Perylene-d12	15.32	264	87831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	265681	96.91	ng		0.00
7) Phenol-d6	6.39	99	366287	99.48	ng		0.00
23) Nitrobenzene-d5	7.30	82	228334	67.62	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	72622	100.02	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	343383	57.66	ng		0.00
79) Terphenyl-d14	12.83	244	267965	54.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	43955	38.136	ng		95
3) Pyridine	3.15	79	102758	36.419	ng		97
4) n-Nitrosodimethylamine	3.10	42	44860	43.825	ng		91
6) Aniline	6.40	93	135965	31.454	ng	#	24
8) 2-Chlorophenol	6.52	128	130132	44.985	ng		99
9) Benzaldehyde	6.28	77	77857	44.845	ng		99
10) Phenol	6.40	94	174599	46.461	ng		87
11) bis(2-Chloroethyl)ether	6.47	93	121380	43.667	ng		99
12) 1,3-Dichlorobenzene	6.67	146	134113	41.545	ng		97
13) 1,4-Dichlorobenzene	6.75	146	140693	42.962	ng		98
14) 1,2-Dichlorobenzene	6.90	146	128953	41.775	ng		98
15) Benzyl Alcohol	6.89	79	116713	44.367	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	124015	41.358	ng		72
17) 2-Methylphenol	7.00	107	106345	44.689	ng		96
18) Hexachloroethane	7.24	117	49335	38.597	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	99114	44.077	ng		97
20) 3+4-Methylphenols	7.16	107	144348	46.265	ng	#	74
22) Acetophenone	7.15	105	191034	43.158	ng	#	94
24) Nitrobenzene	7.32	77	151115	46.725	ng		97
25) Isophorone	7.56	82	265131	45.389	ng		97
26) 2-Nitrophenol	7.63	139	65634	45.502	ng		93
27) 2,4-Dimethylphenol	7.68	122	112809	52.331	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	157997	43.835	ng		99
29) 2,4-Dichlorophenol	7.89	162	104375	46.162	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	105996	43.685	ng		98
31) Naphthalene	8.03	128	376249	45.536	ng		99
32) Benzoic acid	7.83	122	56097	37.993	ng		94
33) 4-Chloroaniline	8.09	127	57852	16.590	ng		97
34) Hexachlorobutadiene	8.15	225	58232	41.464	ng		97
35) Caprolactam	8.47	113	34478m	47.468	ng		
36) 4-Chloro-3-methylphenol	8.59	107	120192	46.610	ng		99
37) 2-Methylnaphthalene	8.73	142	259679	46.641	ng		98
38) 1-Methylnaphthalene	8.83	142	240215	45.915	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	97429	43.109	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	10901	29.953	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	66160	46.745	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	70096	48.875	ng		96
46) 1,1'-Biphenyl	9.19	154	299092	43.055	ng		99
47) 2-Chloronaphthalene	9.22	162	230767	44.058	ng		98
48) 2-Nitroaniline	9.32	65	76182	44.306	ng		87
49) Acenaphthylene	9.63	152	359477	46.725	ng		99
50) Dimethylphthalate	9.49	163	307471	51.399	ng		99
51) 2,6-Dinitrotoluene	9.56	165	57858	46.349	ng		96
52) Acenaphthene	9.80	154	213754	45.286	ng		98
53) 3-Nitroaniline	9.73	138	39087	25.807	ng		97
54) 2,4-Dinitrophenol	9.86	184	9600	22.047	ng		95
55) Dibenzofuran	9.97	168	318958	46.641	ng		99
56) 4-Nitrophenol	9.92	139	67445	95.874	ng		92
57) 2,4-Dinitrotoluene	9.97	165	78704	47.422	ng		94
58) Fluorene	10.32	166	263552	46.604	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53134	47.138	ng		97
60) Diethylphthalate	10.19	149	272914	45.105	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	115029	45.337	ng		93
62) 4-Nitroaniline	10.35	138	49173	34.444	ng		98
63) Azobenzene	10.46	77	286568	46.266	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	10224	15.200	ng		92
66) n-Nitrosodiphenylamine	10.43	169	226652	46.863	ng		97
67) 4-Bromophenyl-phenylether	10.79	248	63832	44.795	ng		94
68) Hexachlorobenzene	10.87	284	65892	43.177	ng		95
69) Atrazine	10.96	200	71115	57.793	ng		96
70) Pentachlorophenol	11.07	266	48677	106.400	ng		99
71) Phenanthrene	11.27	178	362199	47.149	ng		99
72) Anthracene	11.33	178	376431	47.758	ng		100
73) Carbazole	11.49	167	334859	46.487	ng		99
74) Di-n-butylphthalate	11.81	149	447374	46.481	ng		98
75) Fluoranthene	12.46	202	334578	43.507	ng		99
78) Pyrene	12.69	202	325868	47.710	ng		98
80) Butylbenzylphthalate	13.30	149	166408	48.960	ng		97
81) Benzo(a)anthracene	13.88	228	249241	46.467	ng		97
82) 3,3'-Dichlorobenzidine	13.84	252	81741	48.564	ng	#	98
83) Chrysene	13.92	228	238506	45.370	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	235133	49.385	ng		95
85) Di-n-octyl phthalate	14.47	149	365428	49.919	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	187370	47.739	ng		99
88) Benzo(b)fluoranthene	14.92	252	226288	43.630	ng		98
89) Benzo(k)fluoranthene	14.94	252	230253	43.314	ng		98
90) Benzo(a)pyrene	15.27	252	211996	44.956	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	166762	40.898	ng		97
92) Benzo(g,h,i)perylene	17.15	276	144987	37.581	ng		100

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

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