Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116172.D
Acq On : 11 Aug 2019 3:38
Operator : HP/JU
Sample : K4293-04MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4MSD

Manual Integrations APPROVED
mohammad
8/14/2019 2:55:04 AM

Quant Time: Aug 12 04:18:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130721	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	504235	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	256819	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	395275	20.00	ng		0.00
76) Chrysene-d12	14.00	240	260478	20.00	ng		0.00
87) Perylene-d12	15.47	264	278224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1016539	130.18	ng		0.00
7) Phenol-d6	6.49	99	1317595	133.74	ng		0.00
23) Nitrobenzene-d5	7.40	82	852967	97.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	315599	126.75	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1372346	100.09	ng		-0.01
79) Terphenyl-d14	12.94	244	1245431	100.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	141102	35.769	ng		98
3) Pyridine	3.40	79	376114	34.131	ng		99
4) n-Nitrosodimethylamine	3.35	42	163995	37.711	ng		99
6) Aniline	6.50	93	294748	20.891	ng	#	66
8) 2-Chlorophenol	6.63	128	384076	44.480	ng		98
9) Benzaldehyde	6.39	77	196784	28.949	ng		98
10) Phenol	6.50	94	505022	43.530	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	374449	43.900	ng		97
12) 1,3-Dichlorobenzene	6.78	146	416107	41.698	ng		99
13) 1,4-Dichlorobenzene	6.86	146	423233	42.358	ng		99
14) 1,2-Dichlorobenzene	7.01	146	388819	42.261	ng		98
15) Benzyl Alcohol	6.99	79	316601	42.346	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	490360	42.147	ng		96
17) 2-Methylphenol	7.10	107	322095	44.053	ng		99
18) Hexachloroethane	7.35	117	145532	39.560	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	268573	43.992	ng		99
20) 3+4-Methylphenols	7.25	107	404189	46.715	ng	#	81
22) Acetophenone	7.25	105	524533	47.432	ng		98
24) Nitrobenzene	7.42	77	428577	45.438	ng		98
25) Isophorone	7.66	82	776581	46.492	ng		100
26) 2-Nitrophenol	7.74	139	206455	46.434	ng		98
27) 2,4-Dimethylphenol	7.77	122	347947	52.016	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	483167	46.669	ng		100
29) 2,4-Dichlorophenol	7.99	162	337592	47.798	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	359957	44.709	ng		99
31) Naphthalene	8.14	128	1096599	46.215	ng		99
32) Benzoic acid	7.91	122	88317	18.727	ng		94
33) 4-Chloroaniline	8.19	127	127599	12.035	ng		98
34) Hexachlorobutadiene	8.26	225	204622	44.125	ng		99
35) Caprolactam	8.57	113	98321m	43.042	ng		
36) 4-Chloro-3-methylphenol	8.69	107	347322	47.270	ng		97
37) 2-Methylnaphthalene	8.83	142	731214	46.791	ng		98
38) 1-Methylnaphthalene	8.93	142	677992	45.860	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	335202	48.822	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	78002	29.355	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	212798	45.029	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	226584	46.383	ng	100
46) 1,1'-Biphenyl	9.29	154	881021	48.591	ng	99
47) 2-Chloronaphthalene	9.32	162	687990	45.591	ng	99
48) 2-Nitroaniline	9.42	65	221544	44.415	ng	95
49) Acenaphthylene	9.73	152	1026462	46.624	ng	99
50) Dimethylphthalate	9.59	163	997778	57.060	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178157	46.882	ng	94
52) Acenaphthene	9.91	154	610681	45.214	ng	99
53) 3-Nitroaniline	9.83	138	115601	24.619	ng	98
54) 2,4-Dinitrophenol	9.96	184	43745	28.235	ng	98
55) Dibenzofuran	10.08	168	885600	45.088	ng	100
56) 4-Nitrophenol	10.01	139	232300	77.228	ng	95
57) 2,4-Dinitrotoluene	10.07	165	216668	42.824	ng	97
58) Fluorene	10.42	166	697145	46.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	180455	43.907	ng	99
60) Diethylphthalate	10.29	149	801238	49.078	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	361164	47.190	ng	98
62) 4-Nitroaniline	10.45	138	177441	36.567	ng	99
63) Azobenzene	10.57	77	780245	46.465	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	49814	23.781	ng	85
66) n-Nitrosodiphenylamine	10.53	169	639669	53.766	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	217148	51.318	ng	97
68) Hexachlorobenzene	10.98	284	227633	46.523	ng	93
69) Atrazine	11.06	200	202723	51.794	ng	99
70) Pentachlorophenol	11.17	266	171294	72.108	ng	97
71) Phenanthrene	11.39	178	949437	46.985	ng	100
72) Anthracene	11.44	178	1006667	49.224	ng	99
73) Carbazole	11.59	167	887439	47.831	ng	99
74) Di-n-butylphthalate	11.92	149	1180289	54.532	ng	99
75) Fluoranthene	12.57	202	925316	43.740	ng	99
77) Benzidine	12.69	184	461851	52.483	ng	98
78) Pyrene	12.80	202	916746	46.689	ng	100
80) Butylbenzylphthalate	13.41	149	433450	52.187	ng	96
81) Benzo(a)anthracene	13.99	228	779502	46.820	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	226595	39.175	ng	99
83) Chrysene	14.03	228	768875	47.569	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	622776	57.700	ng	99
85) Di-n-octyl phthalate	14.57	149	1007305	58.757	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	721822	53.171	ng	99
88) Benzo(b)fluoranthene	15.04	252	742693	46.167	ng	100
89) Benzo(k)fluoranthene	15.07	252	742554	47.390	ng	99
90) Benzo(a)pyrene	15.41	252	718362	49.953	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	619710	49.784	ng	99
92) Benzo(g,h,i)perylene	17.39	276	586016	47.935	ng	100

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

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