Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116691.D
Acq On : 31 Aug 2019 11:35
Operator : HP/JU
Sample : K4517-15MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T4-S-CMS

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:11 AM

Quant Time: Aug 31 17:22:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	104176	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	421466	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	222618	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	377815	20.00	ng		0.00
76) Chrysene-d12	14.00	240	284885	20.00	ng		0.00
87) Perylene-d12	15.45	264	287671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	796003	123.79	ng		0.00
7) Phenol-d6	6.48	99	1116439	132.22	ng		0.00
23) Nitrobenzene-d5	7.41	82	716434	97.04	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	220554	148.20	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	887700	67.27	ng		0.00
79) Terphenyl-d14	12.94	244	936595	60.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	138038	46.502	ng		99
3) Pyridine	3.36	79	353715	41.155	ng		95
4) n-Nitrosodimethylamine	3.30	42	148630	50.360	ng		84
6) Aniline	6.51	93	423998	36.255	ng		96
8) 2-Chlorophenol	6.63	128	385824	54.963	ng		96
9) Benzaldehyde	6.39	77	248883	44.740	ng		98
10) Phenol	6.49	94	529135	56.592	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	374567	51.449	ng		98
12) 1,3-Dichlorobenzene	6.79	146	390714	49.247	ng		97
13) 1,4-Dichlorobenzene	6.86	146	398297	50.426	ng		99
14) 1,2-Dichlorobenzene	7.02	146	369879	50.531	ng		97
15) Benzyl Alcohol	6.99	79	367316	53.591	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	413057	48.358	ng		100
17) 2-Methylphenol	7.10	107	327816	53.347	ng		98
18) Hexachloroethane	7.36	117	152110	49.567	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	280900	50.524	ng		93
20) 3+4-Methylphenols	7.25	107	395196	55.312	ng	#	87
22) Acetophenone	7.26	105	533592	52.587	ng	#	95
24) Nitrobenzene	7.43	77	429706	57.228	ng		97
25) Isophorone	7.67	82	798328	53.364	ng		100
26) 2-Nitrophenol	7.75	139	191236	68.504	ng		93
27) 2,4-Dimethylphenol	7.78	122	348091	61.742	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	472258	51.658	ng		99
29) 2,4-Dichlorophenol	7.99	162	312564	57.689	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	304542	51.822	ng		96
31) Naphthalene	8.15	128	1092784	54.527	ng		99
32) Benzoic acid	7.87	122	94462	29.674	ng		98
33) 4-Chloroaniline	8.19	127	171755	18.827	ng		98
34) Hexachlorobutadiene	8.27	225	164801	51.432	ng		98
35) Caprolactam	8.56	113	118226m	58.306	ng		
36) 4-Chloro-3-methylphenol	8.68	107	372538	59.824	ng		97
37) 2-Methylnaphthalene	8.85	142	738490	55.382	ng		98
38) 1-Methylnaphthalene	8.95	142	692178	54.989	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	268090	50.236	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	314579	102.080	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	208077	56.880	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	227787	59.978	ng	#	91
46) 1,1'-Biphenyl	9.30	154	875393	51.821	ng		97
47) 2-Chloronaphthalene	9.33	162	688730	51.476	ng		99
48) 2-Nitroaniline	9.42	65	232635	60.143	ng		97
49) Acenaphthylene	9.75	152	1108103	54.789	ng		99
50) Dimethylphthalate	9.61	163	920282	59.877	ng		98
51) 2,6-Dinitrotoluene	9.66	165	186340	63.546	ng		99
52) Acenaphthene	9.92	154	708232	56.992	ng		99
53) 3-Nitroaniline	9.83	138	150010	40.820	ng		85
54) 2,4-Dinitrophenol	9.94	184	104652	98.254	ng		94
55) Dibenzofuran	10.09	168	964663	55.066	ng		97
56) 4-Nitrophenol	10.00	139	342458	135.908	ng		89
57) 2,4-Dinitrotoluene	10.07	165	249353	69.543	ng		98
58) Fluorene	10.43	166	759186	56.875	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	170867	62.338	ng	#	96
60) Diethylphthalate	10.30	149	828879	53.839	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	316321	54.117	ng		91
62) 4-Nitroaniline	10.45	138	228819	64.161	ng		95
63) Azobenzene	10.59	77	897797	55.926	ng		92
65) 4,6-Dinitro-2-methylphenol	10.47	198	91863	63.222	ng		76
66) n-Nitrosodiphenylamine	10.54	169	693885	53.090	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	197836	51.545	ng		94
68) Hexachlorobenzene	10.99	284	205702	51.225	ng		92
69) Atrazine	11.07	200	202189	55.235	ng		98
70) Pentachlorophenol	11.17	266	215008	110.683	ng		99
71) Phenanthrene	11.39	178	1320692	62.796	ng		98
72) Anthracene	11.45	178	1186687	56.052	ng		100
73) Carbazole	11.60	167	1155487	57.296	ng		99
74) Di-n-butylphthalate	11.93	149	1351574	52.278	ng		99
75) Fluoranthene	12.58	202	1471892	71.213	ng		98
77) Benzidine	12.69	184	489840	43.838	ng		100
78) Pyrene	12.81	202	1454882	57.450	ng		98
80) Butylbenzylphthalate	13.42	149	632617	51.369	ng		98
81) Benzo(a)anthracene	13.99	228	1089268	60.413	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	215838	35.423	ng		98
83) Chrysene	14.03	228	1095754	58.989	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	836147	55.002	ng		99
85) Di-n-octyl phthalate	14.59	149	1528827	61.453	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	951438	63.768	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	1106446	63.618	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	810375	51.103	ng	#	98
90) Benzo(a)pyrene	15.40	252	911231	60.221	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	760952	57.454	ng	#	96
92) Benzo(g,h,i)perylene	17.35	276	823629	60.974	ng	#	93

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

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