Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116719.D
Acq On : 1 Sep 2019 2:19
Operator : HP/JU
Sample : K4517-23MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MS

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:45 AM

Quant Time: Sep 01 04:45:43 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	119280	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	494090	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	265490	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	453593	20.00	ng		0.00
76) Chrysene-d12	14.00	240	283822	20.00	ng		0.00
87) Perylene-d12	15.44	264	294556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	909341	123.51	ng		0.01
7) Phenol-d6	6.48	99	1202992	124.43	ng		0.00
23) Nitrobenzene-d5	7.41	82	849139	98.11	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	287271	161.86	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1450571	92.17	ng		0.00
79) Terphenyl-d14	12.94	244	1599227	104.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	135564	39.886	ng	#	85
3) Pyridine	3.42	79	278349	28.285	ng		97
4) n-Nitrosodimethylamine	3.35	42	144022	42.619	ng		78
6) Aniline	6.51	93	183323	13.690	ng		98
8) 2-Chlorophenol	6.63	128	388273	48.308	ng		94
9) Benzaldehyde	6.39	77	34745	5.455	ng		94
10) Phenol	6.49	94	437833	40.897	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	387343	46.467	ng		98
12) 1,3-Dichlorobenzene	6.79	146	396529	43.652	ng		96
13) 1,4-Dichlorobenzene	6.86	146	408570	45.177	ng		99
14) 1,2-Dichlorobenzene	7.02	146	378678	45.182	ng		99
15) Benzyl Alcohol	6.99	79	373332	47.571	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	434418	44.418	ng		100
17) 2-Methylphenol	7.10	107	328179	46.643	ng		95
18) Hexachloroethane	7.36	117	151197	43.031	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	291174	45.741	ng		91
20) 3+4-Methylphenols	7.25	107	398044	48.656	ng	#	82
22) Acetophenone	7.26	105	549718	46.213	ng	#	90
24) Nitrobenzene	7.43	77	449123	51.022	ng		94
25) Isophorone	7.67	82	835610	47.646	ng		97
26) 2-Nitrophenol	7.75	139	191314	58.459	ng		89
27) 2,4-Dimethylphenol	7.78	122	359299	54.362	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	507099	47.316	ng		99
29) 2,4-Dichlorophenol	7.99	162	335289	52.787	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	322928	46.874	ng		98
31) Naphthalene	8.15	128	1142151	48.614	ng		99
32) Benzoic acid	7.89	122	151564	40.613	ng		95
33) 4-Chloroaniline	8.19	127	58371	5.458	ng		95
34) Hexachlorobutadiene	8.27	225	168687	44.907	ng		99
35) Caprolactam	8.56	113	107411m	45.186	ng		
36) 4-Chloro-3-methylphenol	8.68	107	400421	54.850	ng		96
37) 2-Methylnaphthalene	8.84	142	794317	50.813	ng		97
38) 1-Methylnaphthalene	8.94	142	752549	50.997	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	296667	46.614	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	247191	67.260	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	219910	50.407	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	249525	55.092	ng		95
46) 1,1'-Biphenyl	9.30	154	963395	47.821	ng		97
47) 2-Chloronaphthalene	9.33	162	749989	47.003	ng		98
48) 2-Nitroaniline	9.42	65	254389	55.147	ng		100
49) Acenaphthylene	9.75	152	1211949	50.247	ng		99
50) Dimethylphthalate	9.60	163	912281	49.772	ng		99
51) 2,6-Dinitrotoluene	9.66	165	206014	58.910	ng		96
52) Acenaphthene	9.92	154	766345	51.710	ng		99
53) 3-Nitroaniline	9.83	138	108789	24.823	ng		96
54) 2,4-Dinitrophenol	9.93	184	104035	83.406	ng		88
55) Dibenzofuran	10.09	168	1070891	51.258	ng		98
56) 4-Nitrophenol	9.99	139	344355	114.593	ng		87
57) 2,4-Dinitrotoluene	10.07	165	284426	66.515	ng		95
58) Fluorene	10.43	166	820557	51.546	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	182480m	55.825	ng		
60) Diethylphthalate	10.30	149	944998	51.469	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	354382	50.838	ng		96
62) 4-Nitroaniline	10.45	138	242950	57.122	ng		92
63) Azobenzene	10.58	77	994927	51.968	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	84875	50.371	ng		84
66) n-Nitrosodiphenylamine	10.54	169	784750	50.012	ng		96
67) 4-Bromophenyl-phenylether	10.91	248	223680	48.543	ng		99
68) Hexachlorobenzene	10.98	284	231061	47.927	ng		97
69) Atrazine	11.06	200	183949	41.857	ng		97
70) Pentachlorophenol	11.17	266	237731	101.935	ng		99
71) Phenanthrene	11.39	178	1239329	49.083	ng		99
72) Anthracene	11.44	178	1284604	50.540	ng		100
73) Carbazole	11.59	167	1233408	50.943	ng		99
74) Di-n-butylphthalate	11.93	149	1569187	50.556	ng		99
75) Fluoranthene	12.57	202	1258641	50.722	ng		98
78) Pyrene	12.80	202	1243787	49.298	ng		98
80) Butylbenzylphthalate	13.42	149	672268	54.793	ng		99
81) Benzo(a)anthracene	13.99	228	880880	49.039	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	195129	32.144	ng		98
83) Chrysene	14.02	228	919263	49.673	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	913576	60.320	ng		98
85) Di-n-octyl phthalate	14.59	149	1562928	63.059	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	833267	56.057	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	860057m	48.295	ng		
89) Benzo(k)fluoranthene	15.06	252	804736	49.561	ng		98
90) Benzo(a)pyrene	15.39	252	811153	52.354	ng	#	96
91) Dibenzo(a,h)anthracene	16.91	278	708063	52.211	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	661042	47.794	ng	#	93

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

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