Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117464.D
Acq On : 21 Oct 2019 22:55
Operator : JU
Sample : K5448-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPMS

Manual Integrations APPROVED
mohammad
10/22/2019 3:29:25 PM

Quant Time: Oct 22 03:25:21 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	67794	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	272860	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	145305	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	242950	20.00	ng		0.00
76) Chrysene-d12	13.90	240	192331	20.00	ng		0.00
87) Perylene-d12	15.32	264	194270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	407854	89.50	ng		0.00
7) Phenol-d6	6.39	99	564437	92.22	ng		0.00
23) Nitrobenzene-d5	7.30	82	351205	63.54	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	116626	92.76	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	599024	58.09	ng		0.00
79) Terphenyl-d14	12.83	244	610081	51.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	44848	23.408	ng		96
3) Pyridine	3.17	79	118848m	25.340	ng		
4) n-Nitrosodimethylamine	3.09	42	49414	29.041	ng		95
6) Aniline	6.40	93	146505	20.389	ng	#	67
8) 2-Chlorophenol	6.52	128	143519	29.847	ng		100
9) Benzaldehyde	6.29	77	83597	25.343	ng		97
10) Phenol	6.40	94	184924	29.603	ng		84
11) bis(2-Chloroethyl)ether	6.47	93	130929	28.336	ng		97
12) 1,3-Dichlorobenzene	6.67	146	143925	26.822	ng		98
13) 1,4-Dichlorobenzene	6.75	146	151346	27.803	ng		99
14) 1,2-Dichlorobenzene	6.90	146	137189	26.736	ng		98
15) Benzyl Alcohol	6.89	79	130590	29.864	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	129968	26.075	ng		75
17) 2-Methylphenol	7.00	107	119442	30.195	ng		93
18) Hexachloroethane	7.24	117	56964	26.810	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	107245	28.691	ng		97
20) 3+4-Methylphenols	7.16	107	150499	29.018	ng	#	87
22) Acetophenone	7.15	105	208130	28.726	ng	#	98
24) Nitrobenzene	7.32	77	160403	30.300	ng		99
25) Isophorone	7.56	82	293547	30.701	ng		97
26) 2-Nitrophenol	7.64	139	71762	30.394	ng		98
27) 2,4-Dimethylphenol	7.68	122	122374	34.681	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	172282	29.201	ng		99
29) 2,4-Dichlorophenol	7.89	162	114357	30.899	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	113458	28.567	ng		98
31) Naphthalene	8.04	128	404850	29.934	ng		98
32) Benzoic acid	7.84	122	67205	27.807	ng		98
33) 4-Chloroaniline	8.10	127	39545	6.928	ng		97
34) Hexachlorobutadiene	8.15	225	63832	27.767	ng		96
35) Caprolactam	8.47	113	42992m	36.161	ng		
36) 4-Chloro-3-methylphenol	8.59	107	134348	31.829	ng		95
37) 2-Methylnaphthalene	8.73	142	286693	31.459	ng		99
38) 1-Methylnaphthalene	8.83	142	262539	30.658	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	106122	27.116	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	65427	66.993	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	72833	29.718	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	78175	31.478	ng		97
46) 1,1'-Biphenyl	9.19	154	333033	27.685	ng		99
47) 2-Chloronaphthalene	9.22	162	256227	28.250	ng		98
48) 2-Nitroaniline	9.32	65	85047	28.564	ng	#	83
49) Acenaphthylene	9.63	152	399370	29.978	ng		99
50) Dimethylphthalate	9.49	163	426960	41.218	ng		100
51) 2,6-Dinitrotoluene	9.56	165	65421	30.265	ng		94
52) Acenaphthene	9.80	154	236089	28.885	ng		100
53) 3-Nitroaniline	9.73	138	38620	14.725	ng		90
54) 2,4-Dinitrophenol	9.85	184	41090	47.866	ng	#	86
55) Dibenzofuran	9.97	168	357695	30.206	ng		98
56) 4-Nitrophenol	9.92	139	76937	64.568	ng		93
57) 2,4-Dinitrotoluene	9.97	165	88629	30.839	ng		98
58) Fluorene	10.32	166	294741	30.098	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	61809	31.666	ng		96
60) Diethylphthalate	10.19	149	316612	30.218	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	131042	29.826	ng		96
62) 4-Nitroaniline	10.35	138	68954	27.893	ng		93
63) Azobenzene	10.46	77	332232	30.975	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	36284	29.375	ng		89
66) n-Nitrosodiphenylamine	10.43	169	257681	29.012	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	74578	28.499	ng		97
68) Hexachlorobenzene	10.87	284	77450	27.636	ng		94
69) Atrazine	10.96	200	83187	36.813	ng		96
70) Pentachlorophenol	11.07	266	62183	74.015	ng		98
71) Phenanthrene	11.27	178	418752	29.684	ng		98
72) Anthracene	11.33	178	445097	30.750	ng		99
73) Carbazole	11.49	167	409320	30.943	ng		99
74) Di-n-butylphthalate	11.81	149	533230	30.169	ng		100
75) Fluoranthene	12.46	202	433342	30.685	ng		99
77) Benzidine	12.59	184	251831	49.251	ng		99
78) Pyrene	12.69	202	448422	27.144	ng		100
80) Butylbenzylphthalate	13.30	149	224313	27.286	ng		99
81) Benzo(a)anthracene	13.89	228	380030	29.293	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	59471	14.608	ng	#	98
83) Chrysene	13.92	228	370662	29.152	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	333963	29.000	ng	#	96
85) Di-n-octyl phthalate	14.47	149	574577	32.452	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	308007	32.446	ng		100
88) Benzo(b)fluoranthene	14.92	252	321009	27.982	ng		97
89) Benzo(k)fluoranthene	14.94	252	331073	28.157	ng		99
90) Benzo(a)pyrene	15.26	252	292670	28.060	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	260939	28.933	ng		97
92) Benzo(g,h,i)perylene	17.15	276	248192	29.085	ng		99

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

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