Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115362.D
Acq On : 2 Jul 2019 16:27
Operator : HP/JU
Sample : K3606-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1MS

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:41 PM

Quant Time: Jul 03 06:00:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	216590	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	839798	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	409407	20.00	ng		0.02
64) Phenanthrene-d10	11.12	188	786011	20.00	ng		0.02
76) Chrysene-d12	13.75	240	440898	20.00	ng		0.03
87) Perylene-d12	15.12	264	516560	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1215392	86.59	ng		0.02
7) Phenol-d6	6.25	99	1546003	90.75	ng		0.02
23) Nitrobenzene-d5	7.17	82	959281	70.27	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	429938	99.58	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	1615173	67.01	ng		0.01
79) Terphenyl-d14	12.71	244	1488553	71.78	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	170947	25.807	ng		99
3) Pyridine	2.89	79	447735	23.982	ng		98
4) n-Nitrosodimethylamine	2.82	42	196271	26.817	ng		99
6) Aniline	6.27	93	477905	20.412	ng	#	6
8) 2-Chlorophenol	6.40	128	507249	32.141	ng		98
9) Benzaldehyde	6.15	77	284213	25.572	ng		98
10) Phenol	6.27	94	611146	30.626	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	455913	30.994	ng		99
12) 1,3-Dichlorobenzene	6.55	146	550253	31.416	ng		100
13) 1,4-Dichlorobenzene	6.62	146	558429	31.794	ng		100
14) 1,2-Dichlorobenzene	6.78	146	521297	32.050	ng		99
15) Benzyl Alcohol	6.75	79	354856	28.606	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	639515	29.976	ng		93
17) 2-Methylphenol	6.88	107	445734	34.217	ng		98
18) Hexachloroethane	7.12	117	192034	30.327	ng		96
19) n-Nitroso-di-n-propylamine	7.03	70	321452	29.474	ng		98
20) 3+4-Methylphenols	7.03	107	507126	33.714	ng	#	76
22) Acetophenone	7.02	105	691062	35.945	ng	#	93
24) Nitrobenzene	7.19	77	504279	33.529	ng		99
25) Isophorone	7.44	82	908911	32.500	ng		100
26) 2-Nitrophenol	7.51	139	284358	38.285	ng		96
27) 2,4-Dimethylphenol	7.56	122	445795	36.658	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	578761	32.743	ng		99
29) 2,4-Dichlorophenol	7.75	162	442331	35.246	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	472436	34.081	ng		99
31) Naphthalene	7.91	128	1454772	35.290	ng		99
32) Benzoic acid	7.62	122	44297m	5.103	ng		
33) 4-Chloroaniline	7.96	127	337931	17.937	ng		99
34) Hexachlorobutadiene	8.04	225	257446	33.890	ng		99
35) Caprolactam	8.32	113	143941m	34.114	ng		
36) 4-Chloro-3-methylphenol	8.46	107	442333	34.803	ng		97
37) 2-Methylnaphthalene	8.61	142	973796	35.035	ng		98
38) 1-Methylnaphthalene	8.70	142	909020	34.243	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	423447	36.601	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	443910	64.709	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	313194	35.065	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	341092	37.083	ng		99
46) 1,1'-Biphenyl	9.07	154	1147655	35.034	ng		98
47) 2-Chloronaphthalene	9.09	162	910088	34.250	ng		98
48) 2-Nitroaniline	9.18	65	265227	34.237	ng		97
49) Acenaphthylene	9.50	152	1436588	34.700	ng		99
50) Dimethylphthalate	9.38	163	1552520	51.543	ng		99
51) 2,6-Dinitrotoluene	9.43	165	246833	35.495	ng		99
52) Acenaphthene	9.68	154	835239	32.241	ng		98
53) 3-Nitroaniline	9.60	138	238720	28.131	ng		99
54) 2,4-Dinitrophenol	9.70	184	86275	29.241	ng		97
55) Dibenzofuran	9.85	168	1267312	34.084	ng		99
56) 4-Nitrophenol	9.77	139	427894	62.895	ng		89
57) 2,4-Dinitrotoluene	9.83	165	323245	36.000	ng		93
58) Fluorene	10.19	166	909567	35.325	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	278772	36.144	ng		97
60) Diethylphthalate	10.08	149	1041269	34.391	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	430213	35.068	ng		97
62) 4-Nitroaniline	10.21	138	274418	32.234	ng		99
63) Azobenzene	10.34	77	919159	32.502	ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	140051	34.987	ng		98
66) n-Nitrosodiphenylamine	10.31	169	866351	35.379	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	291882	34.251	ng		96
68) Hexachlorobenzene	10.74	284	322433	34.857	ng		97
69) Atrazine	10.84	200	278604	35.368	ng		99
70) Pentachlorophenol	10.93	266	369710	62.738	ng		97
71) Phenanthrene	11.15	178	1650405	38.998	ng		99
72) Anthracene	11.19	178	1498847	35.086	ng		100
73) Carbazole	11.35	167	1295287	33.955	ng		100
74) Di-n-butylphthalate	11.69	149	1555443	35.286	ng		100
75) Fluoranthene	12.33	202	1742661	41.271	ng		97
77) Benzidine	12.45	184	436214	22.281	ng	#	95
78) Pyrene	12.55	202	1668757	49.250	ng		99
80) Butylbenzylphthalate	13.18	149	568883	38.045	ng		98
81) Benzo(a)anthracene	13.74	228	1260443	39.842	ng		100
82) 3,3'-Dichlorobenzidine	13.71	252	316489	27.703	ng		98
83) Chrysene	13.78	228	1195329	41.248	ng		99
84) Bis(2-ethylhexyl)phthalate	13.75	149	770391	39.319	ng		99
85) Di-n-octyl phthalate	14.37	149	1248211	37.917	ng		99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1017074	29.660	ng		98
88) Benzo(b)fluoranthene	14.75	252	1369919	42.502	ng		99
89) Benzo(k)fluoranthene	14.77	252	1024060	35.428	ng		98
90) Benzo(a)pyrene	15.07	252	1172754	40.369	ng		99
91) Dibenzo(a,h)anthracene	16.42	278	781048	28.799	ng		97
92) Benzo(g,h,i)perylene	16.79	276	798134	29.076	ng		99

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

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